

## Shenzhen Kean Digital Co.,Ltd.

ANNKE innovation is part of public company Infogem in China. We are majorly dedicated to providing the best security solutions produced by world leading factory Hikvision. Here are 5 main advantages to become ANNKE reseller.

1. Local warehouse to ensure fast express delivery.
2. One-on-one service including pre-sale and after-sale service.
3. RMA just replace, no repair, up to 2 years warranty.
4. 100% compatible with Hikvision Products, Plug & Play.
5. Favorable wholesale price, reasonable price strategy to agent with more profit.

Let's make win-win business happen!

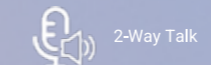
## Dual-Lens 180° Cam Cutting-Edge Protection by 6MP



Dual-Lens



180° Panoramic



2-Way Talk



AI Motion Detection 2.0



ANNKE 180° - Vivid colors in 1 feed



Other 150° - Color distortion in 2 feeds

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# GLOBAL DISTRIBUTION



## ANNKE OFFICES & WAREHOUSES:



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# Human & Vehicle Detection

Reduces **99%** False Alerts



**66ft Color**  
Night Vision Mode

**100ft IR**  
Night Vision Mode

**Smarter Human & Vehicle**  
-Triggered Color Mode



ANNKE Model	I51EL	I51EG	I51EN
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Max Resolution	3K@20 fps 16:9	3K@20 fps 16:9	3K@20 fps 16:9
Substream	1280 X 720,640 X 480, 640 X 360@25/24 fps	1280 X 720,640 X 480, 640 X 360@25/24 fps	1280 X 720,640 X 480, 640 X 360@25/24 fps
Video Bitrate	32 Kbps - 6 Mbps	32 Kbps - 6 Mbps	32 Kbps - 6 Mbps
Audio	Built-in Mic	Built-in Mic	Built-in Mic
Lens	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114°	Horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114°	Horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114°
IR LEDs	2 pcs	2 pcs	2 pcs
Night Vision Distance	IR: up to 30 m, wite Light: up to 20 m	IR: up to 30 m, wite Light: up to 20 m	IR: up to 30 m, wite Light: up to 20 m
DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR
Wide Dynamic Range	120 dB WDR	120 dB WDR	120 dB WDR
Storage	Supoort MicroSD Card(up to 256 GB) local storage	Supoort MicroSD Card(up to 256 GB) local storage	Supoort MicroSD Card(up to 256 GB) local storage
Onvif	Supoort	Supoort	Supoort
Behavior Analysis	Supoort, include Human & Vehicle detection	Supoort, include Human & Vehicle detection	Supoort, include Human & Vehicle detection
Ethernet	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )
Housing	Metal & Plastic	Metal & Plastic	Metal & Plastic
Color	White & Black	Black	White & Black
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C
Indoor/Outdoor Use	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Protection Level	IP67	IP67	IP67, IK08
Dimension (L X W X H)	170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")	170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")	Ø121.4 mm × 97.7 mm (Ø4.8" × 3.8")
Weight	Approx. 270 g (0.6 lb.)	Approx. 270 g (0.6 lb.)	Approx. 550 g (1.2 lb.)



ANNKE Model	I51EM	I51EH
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Max Resolution	3K@20 fps 16:9	3K@20 fps 16:9
Substream	1280 X 720,640 X 480, 640 X 360@25/24 fps	1280 X 720,640 X 480, 640 X 360@25/24 fps
Video Bitrate	32 Kbps - 6 Mbps	32 Kbps - 6 Mbps
Audio	Built-in Mic	Built-in Mic
Lens	2.8 mm	2.8 mm
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114°	Horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114°
IR LEDs	2 pcs	2 pcs
Night Vision Distance	IR: up to 30 m, wite Light: up to 20 m	IR: up to 30 m, wite Light: up to 20 m
DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR
Wide Dynamic Range	120 dB WDR	120 dB WDR
Storage	Supoort MicroSD Card(up to 256 GB) local storage	Supoort MicroSD Card(up to 256 GB) local storage
Onvif	Supoort	Yes
Behavior Analysis	Supoort, include Human & Vehicle detection	Supoort, include Human & Vehicle detection
Ethernet	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )
Housing	Metal & Plastic	Metal & Plastic
Color	White & Black	Black
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C
Indoor/Outdoor Use	Indoor/Outdoor	Indoor/Outdoor
Protection Level	IP67	IP67
Dimension (L X W X H)	Ø110 mm × 89.2 mm (Ø4.3" × 3.5")	Ø110 mm × 89.2 mm (Ø4.3" × 3.5")
Weight	Approx. 340 g (0.7 lb.)	Approx. 340 g (0.7 lb.)



# Acme Color Night Vision

REAL acme color night vision can only be realized with the top-level R&D abilities, top-notch materials & top-grade manufacturing techniques ANNKE Camera combines the world's most leading-edge technologies, able to provide incomparable 4K color night vision – that's the future of video surveillance.

Color Night Vision

Ordinary Night Vision



ANNKE Model	I81HD	I81HE
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Max Resolution	4MP@20 fps	4MP@20 fps
Substream	1280 X 720,640 X 480, 640 X 360@25/30 fps	1280 X 720,640 X 480, 640 X 360@25/30 fps
Video Bitrate	32 Kbps - 8 Mbps	32 Kbps - 8 Mbps
Audio	Built-in Mic	Built-in Mic
Lens	2.8 mm	2.8 mm
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR	Color: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 96.5°, vertical FOV 50.8°, diagonal FOV 113.9°	Horizontal FOV 96.5°, vertical FOV 50.8°, diagonal FOV 113.9°
Smart Supplement Light	1 White light	1 White light
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	3D DNR	3D DNR
Wide Dynamic Range	120 dB WDR	120 dB WDR
Onvif	Supoort	Supoort
Behavior Analysis	Supoort, include Human & Vehicle detection	Supoort, include Human & Vehicle detection
Ethernet	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)
Housing	Metal & Plastic	Metal & Plastic
Color	White	White
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C
Indoor/Outdoor Use	Indoor/Outdoor	Indoor/Outdoor
Protection Level	IP67	IP67
Dimension (L X W X H)	234 mm x 120 mm x 117 mm (9.2" x 4.7" x 4.6")	Ø 110 x 100.8 mm (Ø 4.3" x 4.0")
Weight	Approx. 430 g (0.9 lb.)	Approx. 350 g (0.8 lb.)



ANNKE Model	I81EM
Video compression	H.265+/H.265/H.264+/H.264
Image Sensor	1/1.8" Progressive Scan CMOS
Max Resolution	3K@20 fps 16:9
Substream	1280 X 720,640 X 480, 640 X 360@25/30 fps
Video Bitrate	32 Kbps - 8 Mbps
Audio	Built in microphone & speaker, support 2-way audio
Lens	2.8 mm
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 105.7°, vertical FOV 57.3°, diagonal FOV 124.9°
Supplement Light	Smart white Light, up to 30 m
Movement Range	Pan:0° to 340°, Tilt: -5° to 105°
Pan Speed	Configurable from 4° to 21°/s
Tilt Speed	Configurable from 4° to 19°/s
DNR	3D DNR, BLC, HLC, WDDR
Onvif	Supoort
Basic Event	Motion detection, video tampering alarm, exception
Storage	Support MicroSD Card (up to 256 GB)
Ethernet	RJ45 x1 (10 M/100 M)
Housing	Plastic
Color	White & black
Operating Power	12 VDC,PoE (802.3af)
Operating Temperature	-22° to 122° F (-30° to 50° C)
Indoor/Outdoor Use	Indoor/Outdoor
Protection Level	IP66
Dimension (L X W X H)	162 mm x 120 mm x 234.2 mm (6.4" x 4.7" x 9.2")
Weight	Approx. 780 g (1.7 lb.)



ANNKE Model	I91BR
Video compression	H.265+/H.265/H.264+/H.264
Image Sensor	1/1.8" Progressive Scan CMOS
Max Resolution	4K@25 fps 50Hz, 4K@24 fps 60Hz
Video Bitrate	32 Kbps - 16 Mbps
Audio	Built-in Mic
Lens	Motorized varifocal lens, 2.8 to 12 mm, 4x optical zoom
Min. Illumination	Color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR,
Angle of View	Horizontal FOV: 108° to 46°, Vertical FOV: 58° to 26°, Diagonal FOV: 127.4° to 52°
Number of Infrared LEDs	2 pcs
White Light Range	Up to 130 ft/40 m
DNR	BLC, HLC, 3D DNR
Wide Dynamic Range	130 dB WDR
Onvif	Supoort
Behavior Analysis	Supoort, include Human & Vehicle detection
Storage	Support MicroSD Card (up to 256 GB) local storage and NAS
Ethernet	RJ45 x1 (10 M/100 M)
Housing	Metal
Color	White
Operating Power	12 VDC,PoE (802.3af)
Operating Temperature	-22° to 140° F (-30° to 60° C)
Indoor/Outdoor Use	Indoor/Outdoor
Protection Level	IP67, IK10
Dimension (L X W X H)	Ø 153.3 mm x 111.6 mm (Ø 6" x 4.4")
Weight	Approx. 860 g (1.9 lb.)

340° Pan  
110° Tilt

## Spectacular Color Night Vision

in 0 lux illumination up to 100ft away

2023-02-25 Fri 10:30:45

CAMERA



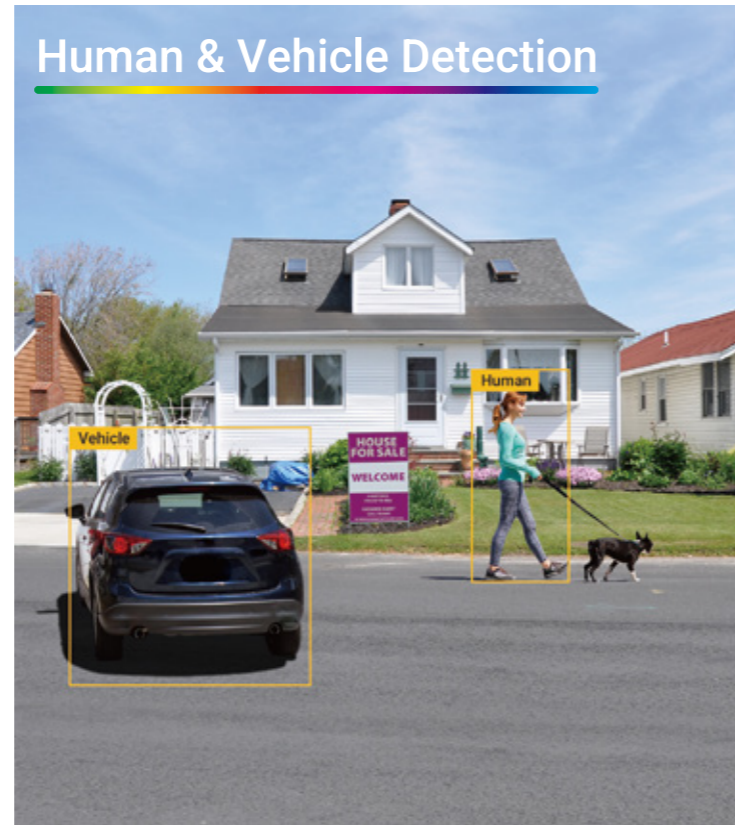
ANNKE Model	I91BQ	I91BV	I91BZ
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/1.2" Progressive Scan CMOS	1/1.2" Progressive Scan CMOS	1/1.2" Progressive Scan CMOS
Max Resolution	4K@25 fps 50Hz, 4K@24 fps 60Hz	4K@25 fps 50Hz, 4K@24 fps 60Hz	4K@25 fps 50Hz, 4K@24 fps 60Hz
Video Bitrate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Audio	Built-in Mic	Built-in Mic	Built-in Mic
Lens	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR	Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR	Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 102°, Vertical FOV 52°, Diagonal FOV 124°	Horizontal FOV 102°, Vertical FOV 52°, Diagonal FOV 124°	Horizontal FOV 102°, Vertical FOV 52°, Diagonal FOV 124°
Number of Warm Light	2 pcs	2 pcs	2 pcs
White Light Range	Up to 130 ft/40 m	Up to 130 ft/40 m	Up to 130 ft/40 m
DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR
Wide Dynamic Range	130 dB WDR	130 dB WDR	130 dB WDR
Onvif	Support	Support	Support
Behavior Analysis	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection
Storage	Support MicroSD Card (up to 256 GB) local storage and NAS	Support MicroSD Card (up to 256 GB) local storage and NAS	Support MicroSD Card (up to 256 GB) local storage and NAS
Ethernet	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)
Housing	Metal	Cover: metal, main body: metal	Cover: metal, main body: metal
Color	White	White	Black
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22° to 140° F (-30° to 60° C)	-22° to 140° F (-30° to 60° C)	-22° to 140° F (-30° to 60° C)
Indoor/Outdoor Use	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Protection Level	IP67	IP67	IP67
Dimension (L x W x H)	78.8 X 78.6 X 215.2 mm (3.1" X 3.1" X 8.5")	Ø 138.3 mm x 120.1 mm (Ø 5.4" x 4.7")	Ø 138.3 mm x 120.1 mm (Ø 5.4" x 4.7")
Weight	Approx. 860 g (1.9 lb.)	Approx. 870 g (1.9 lb.)	Approx. 870 g (1.9 lb.)



ANNKE Model	I51DW	I51DX
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	2x 1/2.5" Progressive Scan CMOS	2x 1/2.5" Progressive Scan CMOS
Max Resolution	6MP@20 fps	6MP@20 fps
Video Bitrate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Audio	Built-in Mic	Built-in Mic
Lens	Dual lens:2.8 mm	Dual lens:2.8 mm
Min. Illumination	Color:0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color:0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR
Day/Night Switch	Day,night,auto,schedule	Day,night,auto,schedule
Angle of View	Horizontal FOV: 180° ± 10°, Vertical FOV: 81° ± 10°	Horizontal FOV: 180° ± 10°, Vertical FOV: 81° ± 10°
Supplement Light	White light + IR	White light + IR
Night Vision Distance	White light up to 20m,IR light up to 30m	White light up to 20m,IR light up to 30m
DNR	3D DNR	3D DNR
Wide Dynamic Range	120 dB WDR	120 dB WDR
Alarm input/output	1/1	1/1
Storage	Built-in MicroSD/SDHC/SDXC Slot,up to 256G	Built-in MicroSD/SDHC/SDXC Slot,up to 256G
Onvif	Support	Support
Behavior Analysis	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection
Ethernet	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)
Housing	Metal & Plastic	Metal & Plastic
Color	White	White
Operating Power	PoE (802.3af),12 VDC±25%	PoE (802.3af),12 VDC±25%
Operating Temperature	-22 °F - 140 °F /-30 °C - 60 °C	-22 °F - 140 °F /-30 °C - 60 °C
Weatherproof Rating	IP66	IP66
Dimension (L x W x H)	103.6 × 76 × 193.4 mm(4.1" × 3.0" × 7.6")	138.1 × 101.1 × 120.4 mm(5.4" × 4.0" × 4.7")
Weight	Approx. 600 g (1.32 lb.)	Approx. 600 g (1.32 lb.)



ANNKE Model	I91BH	I91BI
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	2x1/1.8" Progressive Scan CMOS	2x1/1.8" Progressive Scan CMOS
Max Resolution	8MP@12.5 fps 50Hz, 8MP@15 fps 60Hz	8MP@12.5 fps 50Hz, 8MP@15 fps 60Hz
Video Bitrate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Audio	Built-in Mic	Built-in Mic
Lens	Dual lens:4 mm	Dual lens:4 mm
Min. Illumination	Color:0.0005 Lux @ (F1.0, AGC ON), 0 Lux with IR	Color:0.0005 Lux @ (F1.0, AGC ON), 0 Lux with IR
Day/Night Switch	Day,night,auto,schedule	Day,night,auto,schedule
Angle of View	Horizontal FOV: 180° ± 10°, Vertical FOV: 44°	Horizontal FOV: 180° ± 10°, Vertical FOV: 44°
Supplement Light	Yellow warm light	Yellow warm light
Night Vision Distance	Up to 40 m	Up to 40 m
DNR	3D DNR	3D DNR
Wide Dynamic Range	130 dB WDR	130 dB WDR
Alarm input/output	1/1	1/1
Storage	Built-in MicroSD/SDHC/SDXC Slot,up to 256G	Built-in MicroSD/SDHC/SDXC Slot,up to 256G
Onvif	Support	Support
Behavior Analysis	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection
Ethernet	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)
Housing	Metal	Metal
Color	White	White
Operating Power	PoE (802.3af),12 VDC±25%	PoE (802.3af),12 VDC±25%
Operating Temperature	-22 °F - 140 °F /-30 °C - 60 °C	-22 °F - 140 °F /-30 °C - 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP66	IP66
Dimension (L x W x H)	Ø 155 mm × 155.3 mm (Ø 6.1" × 6.1")	118.6 mm × 105.1 mm × 305.4 mm (4.7" × 4.1" × 12")
Weight	Approx. 1110 g (2.4 lb.)	Approx. 1420 g (3.1 lb.)



# Strobe & Spotlight Alarms



ANNKE Model	I91BY	I91DB
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max Resolution	4K@25 fps 50Hz, 4K@24 fps 60Hz	4K@25 fps 50Hz, 4K@24 fps 60Hz
Video Bitrate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Audio	1Built-in Microphone,1 built-in speaker	1Built-in Microphone,1 built-in speaker
Lens	2.8 mm	2.8 mm
Min. Illumination	Color: 0.003 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.003 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 110°, Vertical FOV 57°, Diagonal FOV 134°	Horizontal FOV 111°, Vertical FOV 59°, Diagonal FOV 134°
Number of Infrared LEDs	2 pcs	2 pcs
White Light Range	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	3D DNR	3D DNR
Wide Dynamic Range	120 dB WDR	120 dB WDR
Onvif	Support	Support
Behavior Analysis	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection
Storage	Built-in MicroSD/SDHC/SDXC Slot, up to 256 GB	Built-in MicroSD/SDHC/SDXC Slot, up to 256 GB
Ethernet	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)
Housing	Metal	Metal
Color	White	White
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22° to 140° F (-30° to 60° C)	-22° to 140° F (-30° to 60° C)
Indoor/Outdoor Use	Indoor/Outdoor	Indoor/Outdoor
Protection Level	IP67	IP67
Dimension (L X W X H)	72.9 mm x 73.3 mm x 191.1 mm (2.9" x 2.9" x 7.5")	Ø 138.3 mm x 124.5 mm (Ø 5.4" x 4.9")
Weight	Approx. 860 g (1.9 lb.)	Approx. 840 g (1.9 lb.)



ANNKE Model	I41LE	I41LF
Video compression	H.264	H.264
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max Resolution	1080P@25 fps 50Hz, 1080P@30 fps 60Hz	1080P@25 fps 50Hz, 1080P@30 fps 60Hz
Substream	640 X 480, 640 X 360@25/30fps	640 X 480, 640 X 360@25/30fps
Video Bitrate	32 Kbps - 8 Mbps	32 Kbps - 8 Mbps
Lens	2.8 mm	2.8 mm
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 105°, Vertical FOV 58°, Diagonal FOV 123°	Horizontal FOV 105°, Vertical FOV 58°, Diagonal FOV 123°
IR LEDs	2 pcs	2 pcs
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	3D DNR	3D DNR
Wide Dynamic Range	Digital WDR	Digital WDR
Onvif	Support	Support
Ethernet	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)
Housing	Metal & Plastic	Metal & Plastic
Color	White & Black	White & Black
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C
Indoor/Outdoor Use	Indoor/Outdoor	Indoor/Outdoor
Protection Level	IP67	IP67
Dimension (L X W X H)	7.0" X 2.6" X 2.7"/177.6 X 66.2 X 67.8 mm	Ø110 mm X 85.3 mm (Ø4.3" X 3.4")
Weight	Approx. 270 g (0.6 lb.)	Approx. 320 g (0.7 lb.)



ANNKE Model	I51DL	I51DS	I51DN
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Max Resolution	3K@20 fps 16:9	3K@20 fps 16:9	3K@20 fps 16:9
Substream	1280 X 720,640 X 480, 640 X 360@25/24 fps	1280 X 720,640 X 480, 640 X 360@25/24 fps	1280 X 720,640 X 480, 640 X 360@25/24 fps
Video Bitrate	32 Kbps - 6 Mbps	32 Kbps - 6 Mbps	32 Kbps - 6 Mbps
Audio	Built-in Mic	Built-in Mic	Built-in Mic
Lens	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 99°, vertical FOV 55°, diagonal FOV 116°	Horizontal FOV 99°, vertical FOV 55°, diagonal FOV 116°	Horizontal FOV 99°, vertical FOV 55°, diagonal FOV 116°
IR LEDs	2 pcs	2 pcs	2 pcs
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR
Wide Dynamic Range	120 dB WDR	120 dB WDR	120 dB WDR
Storage	Support MicroSD Card(up to 256 GB) local storage	Support MicroSD Card(up to 256 GB) local storage	Support MicroSD Card(up to 256 GB) local storage
Onvif	Support	Support	Support
Behavior Analysis	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection
Ethernet	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)
Housing	Metal & Plastic	Metal & Plastic	Metal & Plastic
Color	White & Black	White	White
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C
Indoor/Outdoor Use	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Protection Level	IP67	IP67	IP67, IK10
Dimension (L X W X H)	7.0" X 2.6" X 2.7"/177.6 X 66.2 X 67.8 mm	Ø 110 x 100.8 mm (Ø 4.3" x 4.0")	Ø120 x 92.2 mm (4.72" x 3.63")
Weight	0.6 lb./270 g	0.6 lb./270 g	0.6 lb./270 g

# HD PoE IP Camera

The advanced Sony CMOS image sensor enables the PoE IP camera to capture the clearest 8MP(4K) Ultra HD images

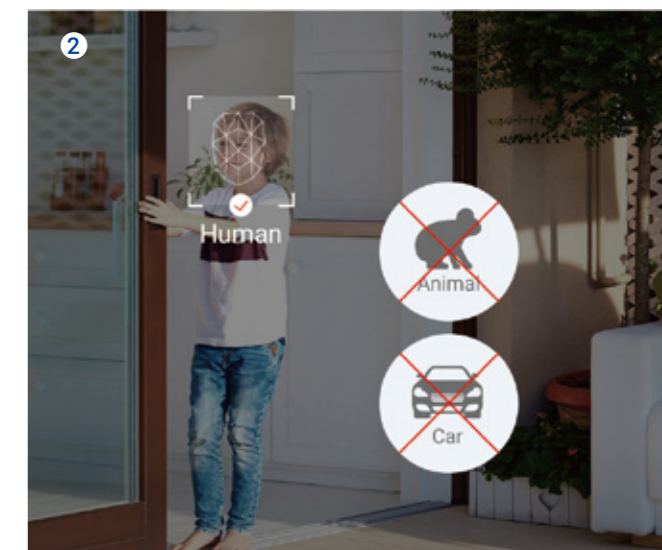
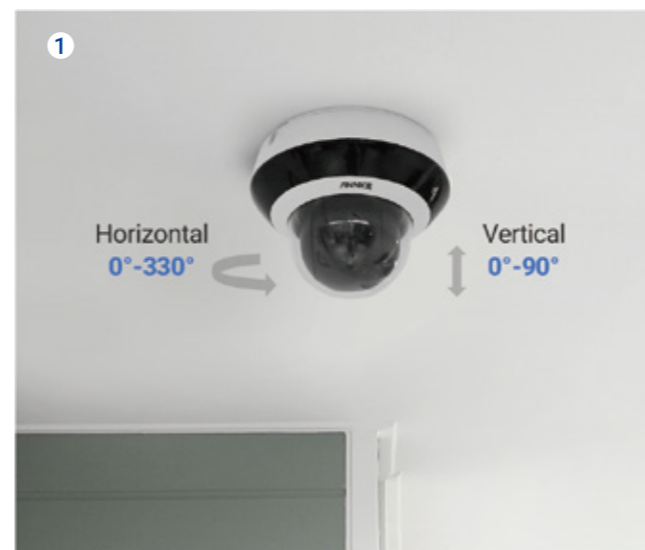


ANNKE Model	I91DL	I91DM	I91BN
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Max Resolution	4K@12.5 fps 50Hz ,4K@15 fps 60Hz	4K@12.5 fps 50Hz ,4K@15 fps 60Hz	4K@12.5 fps 50Hz ,4K@15 fps 60Hz
Substream	640 X 480, 640 X 360@25/30 fps	640 X 480, 640 X 360@25/30 fps	640 X 480, 640 X 360@25/30 fps
Video Bitrate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Audio	Built-in Mic	Built-in Mic	Built-in Mic
Lens	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Angle of View	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°
IR LEDs	2 pcs	2 pcs	2 pcs
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	3D DNR	3D DNR	3D DNR
Wide Dynamic Range	120 dB WDR	120 dB WDR	120 dB WDR
Storage	Support MicroSD Card(up to 256 GB) local storage	Support MicroSD Card(up to 256 GB) local storage	Support MicroSD Card(up to 256 GB) local storage
Onvif	Support	Support	Support
Behavior Analysis	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection	Support, include Human & Vehicle detection
Ethernet	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )
Housing	Metal & Plastic	Metal & Plastic	Metal & Plastic
Color	White & Black	White & Black	White & Black
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C	-22 °F - 140 °F/-30 °C - 60 °C
Indoor/Outdoor Use	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Protection Level	IP67	IP67,IK10	IP67,IK10
Dimension (L X W X H)	171.4 × 69.7 × 67.9 mm (6.7" × 2.7" × 2.7")	Ø109.9 mm × 103.6 mm (Ø4.33" × 4.08")	Ø120 X 92.2 mm (4.7" X 3.6")
Weight	Approx.430g (0.9 lb)	Approx.390g (0.9 lb)	Approx.420g (0.9 lb)



ANNKE Model	I91BK	I81HB
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max Resolution	4MP@24 fps	4MP@24 fps
Substream	704 X480,640 X 480, 640 X 360@30 fps	704 X480,640 X 480, 640 X 360@30 fps
Video Bitrate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Audio	Built-in Mic	Built-in Mic
Lens	2.8-12 mm, 4x optical zoom, 16x digital Zoom	4.8 mm - 120 mm, 25X Optical, 16X Digital Zoom
Min. Illumination	Color: 0.005 lux @ (F1.6, AGC on), b/w: 0.001 lux @ (F1.6, AGC on), 0 lux with IR	Color: 0.005 lux @ (F1.6, AGC on), b/w: 0.001 lux @ (F1.6, AGC on), 0 lux with IR
Angle of View	Horizontal field of view: 100° to 33° (wide-tele) Vertical field of view: 53° to 18° (wide-tele) Diagonal field of view: 119° to 37.5° (wide-tele)	Horizontal Field of View: 2.4° to 55° (Wide-Tele) Vertical Field of View: 1.4° to 33° (Wide-Tele) Diagonal Field of View: 2.8° to 61.5° (Wide-Tele)
PT Movement Range	PAN: 0° to 330°,Tilt: From 0° to 90°	Pan: 360° Endless;Tilt: From -5° to 90° (Auto-Flip)
PT Speed	Configurable, from 0.1°/s to 100°/s, preset speed: 100°/s	Pan Speed: Configurable, From 0.1°/s to 300°/s, Preset Speed: 350°/s Tilt Speed: Configurable, From 0.1°/s to 160°/s, Preset Speed: 200°/s
Supplement Light	Up to 65 ft/20 m	Up to 164 ft/50 m
DNR	3D DNR	3D DNR
Wide Dynamic Range	120 dB True WDR	120 dB True WDR
Onvif	Support	Support
Storage	Support MicroSD Card (up to 256 GB)	Support MicroSD Card (up to 256 GB)
Ethernet	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )
Housing	Aluminum alloy, PC, PC + ABS	ADC12, PC, PC+ABS, SUS304, POM
Color	White	White
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-4° to 140° F (-20° to 60° C)	-22 °F to 149 °F (-30° to 65° C)
Protection Level	IP66, IK10	IP66
Dimension (L X W X H)	Ø5.15" x 4.00" (Ø130.7 mm × 101.7 mm)	Ø 169 mm X 161 mm (Ø 6.65" X 6.34")
Weight	Approx. 530 g (1.17 lb.)	Approx. 2.45Kg (5.40 lb.)

- 1 High-Speed Pan & Tilt
- 2 AI Facial Detection





ANNKE Model	I81HK	I81HG
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max Resolution	2MP@25fps 50Hz, 2MP@30fps 60Hz	4MP@25fps 50Hz, 4MP@30fps 60Hz
Substream	704 X480,640 X 480, 640 X 360@30 fps	704 X480,640 X 480, 640 X 360@30 fps
Video Bitrate	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
Audio	Built-in Mic	Built-in Mic
Lens	4.8 mm – 120 mm, 25X Optical, 16X Digital Zoom	4.8 mm – 120 mm, 25X Optical, 16X Digital Zoom
Min. Illumination	Color: 0.005 lux @ (F1.6, AGC on), b/w: 0.001 lux @ (F1.6, AGC on), 0 lux with IR	Color: 0.005 lux @ (F1.6, AGC on), b/w: 0.001 lux @ (F1.6, AGC on), 0 lux with IR
Angle of View	Horizontal field of view: 57.6° to 2.5° (wide-tele), Vertical field of view: 34.4° to 1.4° (wide-tele), Diagonal field of view: 64.5° to 2.9° (wide-tele)	Horizontal field of view: 55° to 2.4° (wide-tele), Vertical field of view: 33° to 1.4° (wide-tele), Diagonal field of view: 61.5° to 2.8° (wide-tele)
PT Movement Range	PAN: 0° to 360°,Tilt: From -15° to 90°	Pan: 360° Endless;Tilt: From -5° to 90° (Auto-Flip)
PT Speed	Pan Speed: Configurable, From 0.1"/s to 80"/s, Preset Speed: 80"/s Tilt Speed: Configurable, From 0.1"/s to 80"/s, Preset Speed: 80"/s	Pan Speed: Configurable, From 0.1"/s to 120"/s, Preset Speed: 120"/s Tilt Speed: Configurable, From 0.1"/s to 80"/s, Preset Speed: 80"/s
Supplement Light	Up to 328 ft/100 m	Up to 492 ft/150 m
DNR	3D DNR	3D DNR
Wide Dynamic Range	120 dB True WDR	120 dB True WDR
Onvif	Supoort	Supoort
Storage	Support MicroSD Card (up to 256 GB)	Support MicroSD Card (up to 256 GB)
Ethernet	RJ45 x1 (10 M/100 M)	RJ45 x1 (10 M/100 M)
Housing	Aluminum alloy, PC, PC + ABS	ADC12, PC, PC+ABS, SUS304, POM
Color	White	White
Operating Power	12 VDC,PoE (802.3af)	12 VDC,PoE (802.3af)
Operating Temperature	-22 °F to 149 °F (-30° to 65° C)	-22 °F to 149 °F (-30° to 65° C)
Protection Level	IP66	IP66
Dimension (L X W X H)	Ø 164.5 mm × 290 mm (Ø 6.48" × 11.42")	Ø 210 mm × 344.7 mm (Ø 8.27" × 13.57")
Weight	Approx.2Kg (4.41 lb.)	Approx. 3.0Kg (6.61 lb.)



ANNKE Model	I81EL
Video compression	H.265+/H.265+/H.264+/H.264
Image Sensor	1/2.8" Progressive Scan CMOS
Max Resolution	4MP@25fps 50Hz, 4MP@30fps 60Hz
Substream	704 X480,640 X 480, 640 X 360@30 fps
Video Bitrate	32 Kbps - 16 Mbps
Audio	Built-in Mic
Lens	[Bullet channel]: 2.8 mm@F1.0; [PTZ channel]: 4.8 to 120 mm@F1.6, 25 × optical, 16 × digital
Min. Illumination	[Bullet channel]: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light; [PTZ channel]: Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR
Angle of View	Horizontal Field of View: 2.4° to 55° (Wide-Tele) Vertical Field of View: 1.4° to 33° (Wide-Tele) Diagonal Field of View: 2.8° to 61.5° (Wide-Tele)
FOV	[Bullet channel]: Horizontal : 96.1°, Vertical : 52.1°, Diagonal : 113.3°; [PTZ channel]: Horizontal : 55° to 2.4° (wide-tele), Vertical : 33° to 1.4° (wide-tele), Diagonal : 61.5° to 2.8° (wide-tele)
PT Movement Range	PAN: 0° to 360°,Tilt: From -15° to 90°
PT Speed	Pan Speed: Configurable, From 0.1"/s to 80"/s, Preset Speed: 80"/s Tilt Speed: Configurable, From 0.1"/s to 80"/s, Preset Speed: 80"/s
Supplement Light	[PTZ channel]: IR light up to 100 m; [Bullet channel]: White Light up to 30 m
DNR	3D DNR
Wide Dynamic Range	120 dB True WDR
Onvif	Supoort
Storage	Support MicroSD Card (up to 256 GB), Local Storage and NAS
Ethernet	RJ45 x1 (10 M/100 M)
Housing	ADC12
Color	White
Operating Power	12 VDC,PoE (802.3af)
Operating Temperature	-22 °F to 149 °F (-30° to 65° C)
Protection Level	IP66
Dimension (L X W X H)	Ø 166 mm × 375 mm (Ø 6.5" × 14.7")
Weight	Approx.2.4Kg (13.2 lb.)



I91BW			
Video compression	H.265+/H.265/H.264+/H.264	PT Speed	Pan Speed: Configurable, From 0.1"/s to 160"/s, Preset Speed:240"/s Tilt Speed: Configurable, From 0.1"/s to 120"/s, Preset Speed: 200"/s
Image Sensor	1/1.8" Progressive Scan CMOS	DNR	3D DNR
Max Resolution	4K@25fps 50Hz, 4K@24fps 60Hz	Wide Dynamic Range	120 dB True WDR
Substream	704 X480,640 X 480, 640 X 360@30 fps	Onvif	Supoort
Video Bitrate	32 Kbps - 16 Mbps	Storage	Support MicroSD Card (up to 256 GB)
Audio	Built-in Mic	Ethernet	RJ45 x1 (10 M/100 M)
Lens	5.9mm to 147.5 mm, 25X Optical, 16X Digital Zoom	Housing	ADC12
Min. Illumination	Color: 0.005 lux @ (F1.5, AGC on), b/w: 0.001 lux @ (F1.5, AGC on), 0 lux with IR	Color	White
Angle of View	Horizontal field of view: 50.8° to 2.6° (wide-tele), Vertical field of view: 29.4° to 1.5° (wide-tele), Diagonal field of view:57.4° to 3° (wide-tele)	Operating Power	12 VDC,PoE (802.3af)
PT Movement Range	PAN: 0° to 360°,Tilt: From -15° to 90°	Operating Temperature	-22 °F to 149 °F (-30° to 65° C)
Supplement Light	Up to 656 ft/200 m	Protection Level	IP66
		Dimension (L X W X H)	Ø 220 mm × 363.3 mm (Ø 8.66" × 13.91")
		Weight	Approx.5Kg (11.03 lb.)







ANNKE Model	N48PBB	N44PAM	N48PAW
Decoding Format	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
IP Video Input	8CH PoE	4CH PoE	8CH PoE
Video Output	HDMI & VGA Up to 1080P	HDMI up to 4K, VGA up to 1080p	HDMI up to 4K, VGA up to 1080p
Audio Input/Output	-	1/1 RCA	1/1 RCA
Incoming/outgoing Bandwidth	60M	40M	80 M
Max Recording Resolution	Up to 6MP	Up to 8MP	Up to 8MP
Max Playback Resolution	Up to 6MP	Up to 8MP	Up to 8MP
Max Playback Channel	8CH	4CH	8CH
Max Playback Capacity	1-ch@6MP@(25fps)/4-ch@1080p (25 fps)	1-ch@8 MP (30 fps)/5-ch@1080p (30 fps)	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)
HDD	1 SATA Interface	1 SATA Interface	1 SATA Interface
HDD Capacity	Up to 6 TB Capacity	Up to 8 TB Capacity	Up to 8 TB Capacity
Network Interface	RJ45 X1 (10/100)	RJ45 X1 (10/100)	RJ45 X1 (10/100)
PoE	8 Ports (IEEE802.3at/af)	4 Ports (IEEE802.3at/af)	8 Ports (IEEE802.3at/af)
Alarm Input/Output	N/A	N/A	N/A
Serial Interface	No support	No support	No support
ONVIF Protocols	support	support	support
USB interface	USB 2.0*2	USB 2.0*2	USB 2.0*2
Deep learning	No support	Human and vehicle targets detection (Need IP camera support)	8-ch Human and vehicle targets detection(Need IP camera support) 4-ch Human and vehicle targets detection (IP camera does not need to support this function but the resolution cannot exceed 4MP)
Operating Power	DC 48 V	DC 48 V	DC 48 V
Power Consumption	< 10 W (Without HDD and PoE)	< 10 W (Without HDD and PoE)	< 10 W (Without HDD and PoE)
Working Temperature	14 °F ~ 131 °F/-10 °C ~+55 °C	14 °F ~ 131 °F/-10 °C ~+55 °C	14 °F ~ 131 °F/-10 °C ~+55 °C
Dimensions (W X H X D)	10.4" x 8.9" x 1.9" / 265 x 225 x 48mm	12.4" X 9.4" X 1.9"/315 X 240 X 48 mm	12.4" X 9.4" X 1.9"/315 X 240 X 48 mm
Weight (Without Hard Disk)	Approx.1Kg (2.2 lb.)	Approx.1Kg (2.2 lb.)	Approx.1Kg (2.2 lb.)

ANNKE Model	I41JC
Video compression	H.265+/H.265/H.264+/H.264
Image Sensor	1/1.8" Progressive Scan CMOS
Max Resolution	4K@24 fps
Video Bitrate	32 Kbps - 16 Mbps
Audio	Built-in Mic
Lens	8 to 32 mm
Focus	Auto, semi-auto, manual
Min. Illumination	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR
Angle of View	Horizontal FOV: 42.5° to 15.1°, Vertical FOV: 23.3° to 8.64°, Diagonal FOV: 49.6° to 17.3°
Number of IR LEDs	2 pcs
White Light Range	Up to 328 ft/100 m
Image Enhancemen	BLC, HLC, Defog, 3D DNR,EIS
Wide Dynamic Range	140 dB WDR
ONVIF Protocols	Support
Smart Event	Line Crossing, intrusion, Region entrance, Region exiting, scene change,audio exception, defocus detection
Road Traffic and Vehicle Detection	Blocklist and allowlist: up to 10,000 records Captures vehicle that has no license plate Support license plate recognition of motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, etc. (City Street mode is recommended.)
Metadata	Metadata of road traffic is supported.
Audio	Bulid in Mic, support environment noise filtering
Housing	Aluminum alloy body
Color	White
Operating Power	DC 12V; PoE (802.3at)
Ethernet	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port
Storage	Support Micro SD Card (up to 256 GB) Local Storage and NAS
Operating Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Alarm Interface	2 Input, 2 outputs (max. 24 VDC, 1 A)
Heater	Yes
Indoor/Outdoor	Indoor/Outdoor
Protection	IP67,IK10
Weight	< 1.95 g (4.2 lb.)



ANNKE Model	N46PCK	N931BB
Decoding Format	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
IP Video Input	16CH PoE	32 Channel (Include 16 Channel PoE)
Video Output	HDMI up to 4K, VGA up to 1080p	HDMI up to 4K, VGA up to 1080p
Audio Input/Output	1/1 RCA	1/1 RCA
Incoming/outgoing Bandwidth	160 M	256M
Max Recording Resolution	Up to 8MP	Up to 12MP
Max Playback Resolution	Up to 8MP	Up to 12MP
Max Playback Channel	16CH	16CH
Max Playback Capacity	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)	2CH @12MP (20 fps)/4CH @8MP (25 fps)8-ch @ 4MP (30 fps)/16-ch @ 1080p (30 fps)
HDD	2 SATA Interface	4SATA Interface
HDD Capacity	Up to 8 TB Capacity for each disk	Up to 12 TB Capacity for each disk
Network Interface	RJ45 X1 (10/100/1000 M)	RJ45 X1 (10/100/1000 M)
PoE	16 Ports (IEEE802.3at/af)	16 Ports (IEEE802.3at/af)
Alarm Input/Output	N/A	16/4
Serial Interface	No support	1 RS-485 (Half-Duplex), 1 RS-232
ONVIF Protocols	support	support
USB interface	2X USB 2.0	1X USB 2.0,1X USB 3.0
Deep learning	8-ch Human and vehicle targets detection(Need IP camera support) 4-ch Human and vehicle targets detection (IP camera does not need to support this function but the resolution cannot exceed 4MP)	No support
Operating Power	AC 100-240 V	AC 100-240 V
Power Consumption	< 15 W (Without HDD and PoE)	<20 W (Without HDD and PoE)
Working Temperature	14 °F ~ 131 °F/-10 °C ~ 55 °C	14 °F ~ 131 °F/-10 °C ~ 55 °C
Dimensions (W X H X D)	15.2" X 12.4" X 2.0"/385 X 315 X 52 mm	17.5" X 15.7" X 2.8" (445 mm X 400 mm X 71 mm)
Weight (Without Hard Disk)	Approx.3Kg (6.6 lb.)	Approx.5Kg (11 lb.)

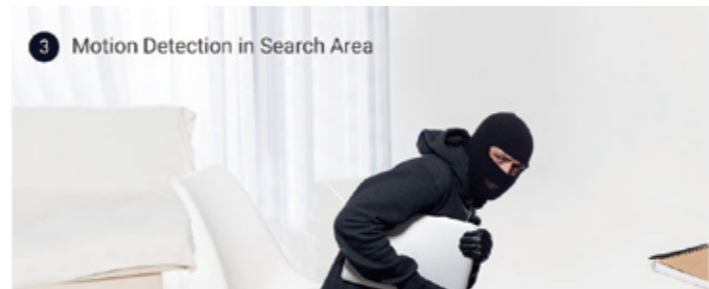
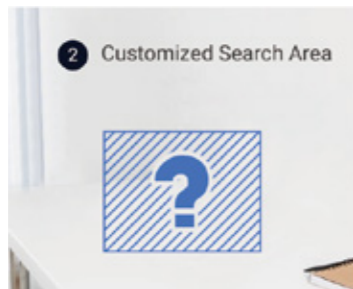
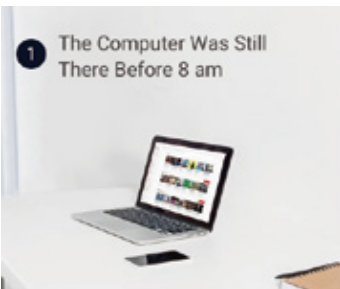
### 4K HDMI & 1080p VGA Output

\* Get local instant 4K Ultra HD live stream by connecting the NVR to a 4K TV with an HDMI cable.

\* Enjoy local 1080p Full HD stream via linking the NVR to a computer monitor with the VGA output.



# Up to 12MP Ultra HD Stream



ANNKE Model	N88PCH	N96PBD
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
IP Video Input	8CH POE	16CH POE
Video Output	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p
Audio Input/Output	1/1 RCA	1/1 RCA
Incoming bandwidth	80 Mbps	160 Mbps
Max Recording Resolution	Up to 8MP	Up to 8MP
Max Playback Resolution	Up to 8MP	Up to 8MP
Max Playback Channel	8 ch	16 ch
Max Playback Capacity	2-ch@8 MP (25 fps)/8-ch@1080p (30 fps)	2-ch@8 MP (30 fps)/8-ch@1080p (30 fps)
ONVIF Protocols	Support	Support
HDD Capacity	2 SATA,8T/SATA	2 SATA,10T/SATA
Network Interface	RJ45 x1(10/100M/1000M)	RJ45 x1(10/100M/1000M)
POE Port	8 Ports(IEEE802.3at/af)	16 Ports(IEEE802.3at/af)
USB	USB 2.0 X1,USB 3.0 X1	USB 2.0 X1,USB 3.0 X1
Alarm Input/Output	4/1 Alarm	4/1 Alarm
Operating Power	100 to 240VAC	100 to 240VAC
Power Consumption	< 15 W (without HDD and POE)	< 15 W (without HDD and POE)
Working Temperature	14 °F ~ 131 °F /-10 °C ~+55 °C	14 °F ~ 131 °F /-10 °C ~+55 °C
Dimensions(W x H x D)	15.2" x 12.4" x 2.0" / 385 x 315 x 52mm	15.2" x 12.4" x 2.0"/385 x 315x 52 mm
Weight	< 3kg (6.6 lb)	< 3kg (6.6 lb)



ANNKE Model	N44PBE	N48PBF
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Input	4CH	8CH
Video Output	HDMI and VGA up to 1080P	HDMI and VGA up to 1080P
Audio Input/Output	1/1 RCA	1/1 RCA
Incoming bandwidth	40M	60M
Max Input Solution	Up to 6MP	Up to 6MP
Max Playback Solution	Up to 6MP	Up to 6MP
Max Playback Channel	4 ch	8 ch
Max Playback Capacity	4-ch@1080p (30 fps) or 2-ch@4 MP (30 fps) or 1-ch@6 MP (30 fps)	4-ch@1080p (30 fps) or 2-ch@4 MP (30 fps) or 1-ch@6 MP (30 fps)
ONVIF Protocols	Support	Support
HDD Capacity	1 SATA,6T/SATA	1 SATA,6T/SATA
Network Interface	RJ45 x1(10/100M)	RJ45 x1(10/100M)
POE Port	4 Ports(IEEE802.3at/af)	4 Ports(IEEE802.3at/af)
USB	USB 2.0 X2	USB 2.0 X2
Alarm Input/Output	N/A	N/A
Operating Power	12 VDC, 1.5 A	12 VDC, 1.5 A
Power Consumption	< 10 W (without HDD and POE)	< 10 W (without HDD and POE)
Weight	< 1kg (2.2 lb)	< 1kg (2.2 lb)



ANNKE Model	N46PCJ	N961BB
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+/MPEG4
IP Video Input	16CH	16 CH
Video Output	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K, VGA up to 1080P
Audio Input/Output	1/1 RCA	1/1 RCA
Incoming bandwidth	160 Mbps	160 M
Max Recording Resolution	Up to 12MP	Up to 12 MP
Max Playback Resolution	Up to 12MP	Up to 32MP
Max Playback Channel	16 ch	16 ch
Max Playback Capacity	1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)	1-ch@32 MP (30 fps)/2-ch@12 MP (20 fps)/4-ch@8 MP (25 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps)
ONVIF Protocols	Support	Support
HDD Capacity	2 SATA,10T/SATA	2 SATA Interface
Network Interface	RJ45 x1(10/100M/1000M)	Up to 10 TB Capacity for Each HDD
POE Port	8 Ports(IEEE802.3at/af)	RJ45 X1 (10/100/1000 M)
USB	USB 2.0 X2	4/1
Alarm Input/Output	4/1 Alarm	USB 2.0 X1,USB 3.0X1
Operating Power	12 VDC, 3.33A	12 VDC, 3.33 A
Power Consumption	< 15 W (without HDD and POE)	< 15 W (without HDD)
Working Temperature	14 °F ~ 131 °F /-10 °C ~+55 °C	14 °F ~ 131 °F /-10 °C ~+55 °C
Dimensions (W X H X D)	385 x 315x 52 mm (15.2" x 12.4" x 2.0")	385 x 315x 52 mm (15.2" x 12.4" x 2.0")
Weight	< 1kg (2.2 lb)	< 1 kg (2.2 lb)



ANNKE Model	N931BE	N931BC	N931BD
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
IP Video Input	32 ch	32 ch	32 ch
Video Output	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p
Audio Input/Output	1/1 RCA	1/1 RCA	1/1 RCA
Incoming bandwidth	256 Mbps	256 Mbps	256 Mbps
Max Recording Resolution	Up to 8MP	Up to 12MP	Up to 32MP
Max Playback Resolution	Up to 8MP	Up to 12MP	Up to 32MP
Max Playback Channel	16 ch	16 ch	16 ch
Max Playback Capacity	2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/ 8-ch@1080p (30 fps)	1-ch@12MP (30fps)/2-ch@8 MP (30 fps)/ 4-ch@4 MP (30 fps)/8-ch@1080p(30 fps)	1-ch@32 MP (30 fps)/2-ch@12 MP (20 fps)/4-ch @8 MP (25 fps)/8-ch@4 MP (30fps)/16-ch@1080p (30 fps)
ONVIF Protocols	Support	Support	Support
HDD Capacity	2 SATA Interface	4 SATA Interface	4 SATA Interface
Network Interface	Up to 10 TB Capacity for Each HDD	Up to 10 TB Capacity for Each HDD	Up to 10 TB Capacity for Each HDD
Serial Interface	RJ45 X1 (10/100/1000 M)	RJ45 X2 (10/100/1000 M)	RJ45 X2 (10/100/1000 M)
Alarm Input/Output	4/1	16/4	16/4
USB	USB 2.0 X2	USB 2.0 X2,USB 3.0X1	USB 2.0 X2,USB 3.0X1
Operating Power	12 VDC, 3.33 A	AC 100-240 V	AC 100-240 V
Power Consumption	< 15 W (without HDD)	< 20 W (without HDD)	< 20 W (without HDD)
Working Temperature	14 °F ~ 131 °F/-10 °C ~+55 °C	14 °F ~ 131 °F/-10 °C ~+55 °C	14 °F ~ 131 °F/-10 °C ~+55 °C
Dimensions (W X H X D)	385 × 315× 52 mm (15.2" × 12.4" × 2.0")	445 × 400 × 75 mm ( 17.5"× 15.7" × 3.0")	445 × 400 × 75 mm ( 17.5"× 15.7" × 3.0")
Weight (Without Hard Disk)	< 1 kg (2.2lb)	< 5 kg (11 lb)	< 5 kg (11 lb)



ANNKE Model	N951BB
Video Compression	H.264+/H.264/H.265/H.265+
IP Video Input	64 ch
Video Output	HDMI up to 4K,VGA up to 1080p
Audio Input/Output	2/1 RCA
Incoming bandwidth	320 Mbps
Max Recording Resolution	Up to 12MP
Max Playback Resolution	Up to 12MP
Max Playback Channel	16 ch
Max Playback Capacity	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @1080p (30fps)
ONVIF Protocols	Support
HDD Capacity	8 SATA Interface
Network Interface	Up to 10 TB Capacity for Each HDD
Serial Interface	RJ45 X2 (10/100/1000 M)
Alarm Input/Output	16/4
USB	USB 2.0 X2,USB 3.0X1
Operating Power	AC 100-240 V
Power Consumption	< 30 W (without HDD)
Working Temperature	14 °F ~ 131 °F/-10 °C ~+55 °C
Dimensions (W X H X D)	445 × 470 ×90 mm (17.5"× 18.5" × 3.5")
Weight (Without Hard Disk)	< 10 kg (22 lb)



ANNKE Model	N98PBG
Video Compression	H.264+/H.264/H.265/H.265+
IP Video Input	128 CH
Video Output	HDMI up to 4K,VGA up to 1080p
Audio Input/Output	1/1 RCA
Incoming bandwidth	576 Mbps
Max Recording Resolution	Up to 12MP
Max Playback Resolution	Up to 12MP
Max Playback Channel	16 ch
Max Playback Capacity	3-ch@12 MP (30fps), 5-ch@8 MP (30fps), 6-ch@6 MP (30fps), 10-ch@4 MP (30fps), 20-ch@1080p (30 fps)
ONVIF Protocols	Yes
HDD Capacity	16 SATA,10T/SATA
Network Interface	RJ45 x1(10/100M/1000M)
USB	USB 2.0 X2,USB 3.0 X2
Alarm Input/Output	16/8 Alarm
Operating Power	100 to 240 VAC
Power Consumption	< 140 W (without HDD and POE)
Power Consumption	POE:Max 25.5W for single port
Weight	< 16kg (35.3 lb)



ANNKE Model	N48PBB+I51DL*4	N48PBB+I51DS*4	N48PBB+I51DN*4
NVR			
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Input	8CH POE	8CH POE	8CH POE
Video Output	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p
Audio Input/Output	N/A	N/A	N/A
Incoming bandwidth	60M	60M	60M
Max Input Solution	6MP	6MP	6MP
Max Playback Solution	6MP	6MP	6MP
Max Playback Channel	8ch	8ch	8ch
Max Playback Capacity	4 -ch@1080P,1-ch@6MP	4 -ch@1080P,1-ch@6MP	4 -ch@1080P,1-ch@6MP
ONVIF Protocols	Yes	Yes	Yes
HDD Capacity	1 SATA,6T/SATA	1 SATA,6T/SATA	1 SATA,6T/SATA
Network Interface	RJ45 x1(10/100M)	RJ45 x1(10/100M)	RJ45 x1(10/100M)
POE Port	8Ports(IEEE802.3at/af)	8Ports(IEEE802.3at/af)	8Ports(IEEE802.3at/af)
USB	USB 2.0 X2	USB 2.0 X2	USB 2.0 X2
Alarm Input/Output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Operating Power	DC 48V	DC 48V	DC 48V
Power Consumption	< 10 W (without HDD and POE)	< 10 W (without HDD and POE)	< 10 W (without HDD and POE)
Power Consumption	POE:Max 25.5W for single port	POE:Max 25.5W for single port	POE:Max 25.5W for single port
Camera*4			
Video compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Max Resolution	3K@20 fps	3K@20 fps	3K@20 fps
Video Bitrate	32 Kbps - 6 Mbps	32 Kbps - 6 Mbps	32 Kbps - 6 Mbps
Audio	Built-in Mic	Built-in Mic	Built-in Mic
Lens	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR
Day/Night Switch	Day,Night,Auto,Schedule	Day,Night,Auto,Schedule	Day,Night,Auto,Schedule
Angle of View	Horizontal FOV 99°, vertical FOV 55°, diagonal FOV 116°	Horizontal FOV 99°, vertical FOV 55°, diagonal FOV 116°	Horizontal FOV 99°, vertical FOV 55°, diagonal FOV 116°
IR LEDs	2 pcs	2 pcs	2 pcs
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR
Wide Dynamic Range	120 dB WDR	120 dB WDR	120 dB WDR
Storage	Support MicroSD Card(up to 256 GB) local storage and NAS	Support MicroSD Card(up to 256 GB) local storage and NAS	Support MicroSD Card(up to 256 GB) local storage and NAS
Onvif	Yes	Yes	Yes
Behavior Analysis	Support,include Human &Vehicle detection	Support,include Human &Vehicle detection	Support,include Human &Vehicle detection
Ethernet	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )
Housing	Metal&Plastic	Metal&Plastic	Metal&Plastic
Color	White	White	White
Operating Power	12 VDC,POE(802.3af)	12 VDC,POE(802.3af)	12 VDC,POE(802.3af)
Protection Level	IP67 TVS2000V	IP67 TVS2000V	IP67 IK10 TVS2000V





ANNKE Model	N48PAW+I91BL*4	N48PAW+I91DL*4	N48PAW+I91DM*4
<b>NVR</b>			
<b>Video Compression</b>	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
<b>IP Video Input</b>	8CH POE	8CH POE	8CH POE
<b>Video Output</b>	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p
<b>Audio Input/Output</b>	1/1 RCA	1/1 RCA	1/1 RCA
<b>Incoming bandwidth</b>	80M	80M	80M
<b>Max Input Solution</b>	8MP	8MP	8MP
<b>Max Playback Solution</b>	8MP	8MP	8MP
<b>Max Playback Channel</b>	8ch	8ch	8ch
<b>Max Playback Capacity</b>	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)
<b>ONVIF Protocols</b>	Yes	Yes	Yes
<b>HDD Capacity</b>	1 SATA,6T/SATA	1 SATA,6T/SATA	1 SATA,6T/SATA
<b>Network Interface</b>	RJ45 x1(10/100M)	RJ45 x1(10/100M)	RJ45 x1(10/100M)
<b>POE Port</b>	8Ports(IEEE802.3at/af)	8Ports(IEEE802.3at/af)	8Ports(IEEE802.3at/af)
<b>USB</b>	USB 2.0 X2	USB 2.0 X2	USB 2.0 X2
<b>Alarm Input/Output</b>	N/A	N/A	N/A
<b>RS485</b>	N/A	N/A	N/A
<b>Operating Power</b>	DC 48V	DC 48V	DC 48V
<b>Power Consumption</b>	< 10 W (without HDD and POE)	< 10 W (without HDD and POE)	< 10 W (without HDD and POE)
<b>Power Consumption</b>	POE:Max 25.5W for single port	POE:Max 25.5W for single port	POE:Max 25.5W for single port
<b>Camera*4</b>			
<b>Video compression</b>	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
<b>Image Sensor</b>	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Max Resolution</b>	8MP@12/15 fps	8MP@12/15 fps	8MP@12/15 fps
<b>Video Bitrate</b>	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
<b>Audio</b>	Built-in Mic	Built-in Mic	Built-in Mic
<b>Lens</b>	2.8 mm	2.8 mm	2.8 mm
<b>Min. Illumination</b>	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR
<b>Day/Night Switch</b>	Day,Night,Auto,Scedule	Day,Night,Auto,Scedule	Day,Night,Auto,Scedule
<b>Angle of View</b>	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°
<b>IR LEDs</b>	2 pcs	2 pcs	2 pcs
<b>Night Vision Distance</b>	Up to 100 ft/30 m	Up to 100 ft/30 m	Up to 100 ft/30 m
<b>DNR</b>	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR
<b>Wide Dynamic Range</b>	120 dB WDR	120 dB WDR	120 dB WDR
<b>Storage</b>	Support MicroSD Card(up to 256 GB) local storage and NAS	Support MicroSD Card(up to 256 GB) local storage and NAS	Support MicroSD Card(up to 256 GB) local storage and NAS
<b>Onvif</b>	Yes	Yes	Yes
<b>Behavior Analysis</b>	Support,include Human &Vehicle detection	Support,include Human &Vehicle detection	Support,include Human &Vehicle detection
<b>Ethernet</b>	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )
<b>Housing</b>	Metal&Plastic	Metal&Plastic	Metal&Plastic
<b>Color</b>	White	White	White
<b>Operating Power</b>	12 VDC,POE(802.3af)	12 VDC,POE(802.3af)	12 VDC,POE(802.3af)
<b>Protection Level</b>	IP67 TVS2000V	IP67 TVS2000V	IP67 IK10 TVS2000V



ANNKE Model	N46PCK+I91BL*8	N46PCK+I91BS*8	N46PCK+I91BN*8
<b>NVR</b>			
<b>Video Compression</b>	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
<b>IP Video Input</b>	16CH POE	16CH POE	16CH POE
<b>Video Output</b>	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p
<b>Audio Input/Output</b>	1/1 RCA	1/1 RCA	1/1 RCA
<b>Incoming bandwidth</b>	160M	160M	160M
<b>Max Input Solution</b>	8MP	8MP	8MP
<b>Max Playback Solution</b>	8MP	8MP	8MP
<b>Max Playback Channel</b>	8ch	8ch	8ch
<b>Max Playback Capacity</b>	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)
<b>ONVIF Protocols</b>	Support	Support	Support
<b>HDD Capacity</b>	2 SATA,8T/SATA	2 SATA,8T/SATA	2 SATA,8T/SATA
<b>Network Interface</b>	RJ45 X1 (10/100/1000 M)	RJ45 X1 (10/100/1000 M)	RJ45 X1 (10/100/1000 M)
<b>POE Port</b>	16 Ports (IEEE802.3at/af)	16 Ports (IEEE802.3at/af)	16 Ports (IEEE802.3at/af)
<b>USB</b>	USB 2.0 X2	USB 2.0 X2	USB 2.0 X2
<b>Operating Power</b>	AC 100-240 V	AC 100-240 V	AC 100-240 V
<b>Power Consumption</b>	< 15 W (Without HDD and PoE)	< 15 W (Without HDD and PoE)	< 15 W (Without HDD and PoE)
<b>Power Consumption</b>	POE:Max 25.5W for single port	POE:Max 25.5W for single port	POE:Max 25.5W for single port
<b>Camera*8</b>			
<b>Video compression</b>	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
<b>Image Sensor</b>	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Max Resolution</b>	8MP@12/15 fps	8MP@12/15 fps	8MP@12/15 fps
<b>Video Bitrate</b>	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps	32 Kbps - 16 Mbps
<b>Audio</b>	Built-in Mic	Built-in Mic	Built-in Mic
<b>Lens</b>	2.8 mm	2.8 mm	2.8 mm
<b>Min. Illumination</b>	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR
<b>Day/Night Switch</b>	Day,Night,Auto,Scedule	Day,Night,Auto,Scedule	Day,Night,Auto,Scedule
<b>Angle of View</b>	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°	Horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°
<b>IR LEDs</b>	2 pcs	2 pcs	2 pcs
<b>Night Vision Distance</b>	Up to 100 ft/30 m	Up to 100 ft/30 m	Up to 100 ft/30 m
<b>DNR</b>	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR	BLC, HLC, 3D DNR
<b>Wide Dynamic Range</b>	120 dB WDR	120 dB WDR	120 dB WDR
<b>Storage</b>	Support MicroSD Card(up to 256 GB) local storage and NAS	Support MicroSD Card(up to 256 GB) local storage and NAS	Support MicroSD Card(up to 256 GB) local storage and NAS
<b>Onvif</b>	Yes	Yes	Yes
<b>Behavior Analysis</b>	Support,include Human &Vehicle detection	Support,include Human &Vehicle detection	Support,include Human &Vehicle detection
<b>Ethernet</b>	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )	RJ45 x1 (10 M/100 M )
<b>Housing</b>	Metal&Plastic	Metal&Plastic	Metal&Plastic
<b>Color</b>	White	White	White
<b>Operating Power</b>	12 VDC,POE(802.3af)	12 VDC,POE(802.3af)	12 VDC,POE(802.3af)
<b>Protection Level</b>	IP67 TVS2000V	IP67 TVS2000V	IP67 IK10 TVS2000V



## Audio Recording with Built-in Mic

The microphone built in the PoE security camera system enables you to hear and record the sounds of events around your home & business.

Hello, is anyone home



ANNKE Model	CT1GT	CT1GU
Image sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Video Format	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI
Video Resolution	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)
Signal System	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL: 1080P@25 fps NTSC: 1080P@30 fps	PAL: 1080P@25 fps NTSC: 1080P@30 fps
Lens	3.6 mm	3.6 mm
Min. Illumination	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR
Angle of View	Horizontal FOV: 78°, Vertical FOV: 42°, Diagonal FOV: 92°	Horizontal FOV: 78°, Vertical FOV: 42°, Diagonal FOV: 92°
Supplement Light type	1 white Light & 2 EXIR	1 white Light & 1 EXIR
Supplement Light Range	IR : Up to 25 m, white Light : Up to 20 m	IR : Up to 30 m, white Light : Up to 20 m
Supplement Light Mode	IR light works normally, and it switches to white light when human or vehicle are detected at night.	IR light works normally, and it switches to white light when human or vehicle are detected at night.
Wide Dynamic Range	Digital WDR	Digital WDR
Audio	Built-in mic	Built-in mic
Video Output	BNC, switchable TVI/AHD/CVI/CVBS	BNC, switchable TVI/AHD/CVI/CVBS
Housing	Plastic	Metal & Plastic
Color	White	White
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP67	IP67
Dimension	138.8 mm x 60.9 mm x 57.9 mm (5.47" x 2.4" x 2.3")	80 mm x Ø85.1 mm (3.1" x Ø3.4")
Weight	Approx. 155 g (0.34 lb.)	Approx. 296 g (0.65 lb.)



ANNKE Model	CT1DW	C51EZ
Image sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Video Format	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI
Video Resolution	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)
Signal System	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL: 1080P@25 fps NTSC: 1080P@30 fps	PAL: 1080P@25 fps NTSC: 1080P@30 fps
Lens	2.8 mm	2.8 mm
Min. Illumination	0.001 Lux@(F1.0, AGC On), 0 Lux with White Light	0.001 Lux@(F1.0, AGC On), 0 Lux with White Light
Angle of View	Horizontal FOV: 102°, Vertical FOV: 54°, Diagonal FOV: 121°	Horizontal FOV: 102°, Vertical FOV: 54°, Diagonal FOV: 121°
IR LEDs	1	1
Night Vision Distance	Up to 65 ft/20 m	Up to 65 ft/20 m
DNR	3D DNR	3D DNR
Wide Dynamic Range	130 dB WDR	DWDR
Video Output	HD BNC X1	HD BNC X1
Housing	Metal	Metal
Color	White	White
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP66	IP66
Dimension	162.7 mm x 70 mm x 70 mm (6.41" x 2.75" x 2.75")	82.65 mm x 91.0 mm x 69.16 mm (Ø 3.25" x 3.58" x 2.72")
Weight	Approx. 256.5 g (0.57 lb.)	Approx. 238.5 g (0.53 lb.)



ANNKE Model	CR1CV	CR1CX	CR1CW
Image sensor	3K CMOS Image Sensor	3K CMOS Image Sensor	3K CMOS Image Sensor
Video Format	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI
Video Resolution	2960 (H) x 1665 (V) (16:9)	2960 (H) x 1665 (V) (16:9)	2960 (H) x 1665 (V) (16:9)
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL/NTSC: 3K@20 fps	PAL/NTSC: 3K@20 fps	PAL/NTSC: 3K@20 fps
Lens	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR
Angle of View	Horizontal FOV: 107°, Vertical FOV: 64°, Diagonal FOV: 129°	Horizontal FOV: 107°, Vertical FOV: 64°, Diagonal FOV: 129°	Horizontal FOV: 107°, Vertical FOV: 64°, Diagonal FOV: 129°
Supplement Light type	1 white Light & 2 EXIR	1 white Light & 2 EXIR	1 white Light & 1 EXIR
Supplement Light Range	IR : Up to 25 m, white Light : Up to 20 m	IR : Up to 25 m, white Light : Up to 20 m	IR : Up to 30 m, white Light : Up to 20 m
Supplement Light Mode	IR light works normally, and it switches to white light when human or vehicle are detected at night.	IR light works normally, and it switches to white light when human or vehicle are detected at night.	IR light works normally, and it switches to white light when human or vehicle are detected at night.
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR
Audio	Built-in mic	Built-in mic	Built-in mic
Video Output	BNC, switchable TVI/AHD/CVI/CVBS	BNC, switchable TVI/AHD/CVI/CVBS	BNC, switchable TVI/AHD/CVI/CVBS
Housing	Plastic	Plastic	Metal & Plastic
Color	White	Black	White
Operating Power	DC 12 V	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP67	IP67	IP67
Dimension	138.8 mm x 60.9 mm x 57.9 mm (5.47" x 2.4" x 2.3")	138.8 mm x 60.9 mm x 57.9 mm (5.47" x 2.4" x 2.3")	80 mm x Ø85.1 mm (3.1" x Ø3.4")
Weight	Approx. 155 g (0.34 lb.)	Approx. 155 g (0.34 lb.)	Approx. 296 g (0.65 lb.)



ANNKE Model	CR1CJ	CR1CL
Image sensor	5MP CMOS Image Sensor	5MP CMOS Image Sensor
Video Format	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI
Video Resolution	2560 (H) X 1944 (V)	2560 (H) X 1944 (V)
Signal System	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL/NTSC: 5MP@20 fps	PAL/NTSC: 5MP@20 fps
Lens	3.6 mm	2.8 mm
Min. Illumination	0.0005 Lux@(F1.0, AGC On), 0 Lux with White Light	0.0005 Lux@(F1.0, AGC On), 0 Lux with White Light
Angle of View	80.1°	Horizontal FOV: 99.7°, Vertical FOV: 72°, Diagonal FOV: 139.8°
IR LEDs	1	1
Night Vision Distance	Up to 100 ft/30 m	Up to 65 ft/20 m
DNR	3D DNR	3D DNR
Wide Dynamic Range	130 dB WDR	130 dB WDR
Video Output	HD BNC X1	HD BNC X1
Housing	Metal	Main Body: Metal, Enclosure: Plastic
Color	White	White
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP67	IP67
Dimension	68 mm X 70 mm X 168.2 mm (2.68" X 2.76" X 6.62")	68 mm X 70 mm X 168.2 mm (2.68" X 2.76" X 6.62")
Weight	Approx.0.77lb./ 350 g	Approx.0.77lb./ 350 g



ANNKE Model	C51BG	C51BH
Image sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Video Format	TVI	TVI
Video Resolution	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)
Signal Sysem	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL: 1080p@25 fps NTSC: 1080p@30 fps	PAL: 1080p@25 fps NTSC: 1080p@30 fps
Lens	3.6 mm	3.6 mm
Min. Illumination	Color: 0.02 Lux @(F1.2,AGC On); 0 Lux with IR	Color: 0.02 Lux @(F1.2,AGC On); 0 Lux with IR
Angle of View	82.2°	82.2°
IR LEDs	12	12
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	Support	Support
Wide Dynamic Range	Digital WDR	Digital WDR
Video Output	HD BNC X1	HD BNC X1
Housing	Plastic	Plastic
Color	White	Black
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F - 140 °F/-40 °C - 60 °C	-40 °F - 140 °F/-40 °C - 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP66	IP66
Dimension (L X W X H)	2.76" X 6.08"/70 X 154.5 mm	2.76" X 6.08"/70 X 154.5 mm
Weight	Approx. 400 g (0.88 lb.)	Approx. 400 g (0.88 lb.)



ANNKE Model	C51BM	C51BL
Image sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Video Format	TVI	TVI
Video Resolution	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)
Signal Sysem	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL: 1080p@25 fps NTSC: 1080p@30 fps	PAL: 1080p@25 fps NTSC: 1080p@30 fps
Lens	3.6 mm	3.6 mm
Min. Illumination	Color: 0.02 Lux @(F1.2,AGC On); 0 Lux with IR	Color: 0.02 Lux @(F1.2,AGC On); 0 Lux with IR
Angle of View	82.2°	82.2°
IR LEDs	12	12
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	Support	Support
Wide Dynamic Range	Digital WDR	Digital WDR
Video Output	HD BNC X1	HD BNC X1
Housing	Plastic	Plastic
Color	White	Black
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F - 140 °F/-40 °C - 60 °C	-40 °F - 140 °F/-40 °C - 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP66	IP66
Dimension (L X W X H)	3.54" x 2.76" / 89.9 x 70.1 mm	3.54" x 2.76" / 89.9 x 70.1 mm
Weight	Approx. 250 g (0.55 lb.)	Approx. 250 g (0.55 lb.)



ANNKE Model	CT1GZ	CT1GY
Image sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Video Format	TVI	TVI
Video Resolution	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)
Signal Sysem	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL: 1080p@25 fps NTSC: 1080p@30 fps	PAL: 1080p@25 fps NTSC: 1080p@30 fps
Lens	2.8 mm	2.8 mm
Min. Illumination	Color: 0.02 Lux @(F1.2,AGC On); 0 Lux with IR	Color: 0.02 Lux @(F1.2,AGC On); 0 Lux with IR
Angle of View	Horizontal FOV: 96.5°, Vertical FOV: 48.9°, Diagonal FOV: 120.5°	Horizontal FOV: 102°, Vertical FOV: 55°, Diagonal FOV: 123°
IR LEDs	1	1
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	Support	Support
Wide Dynamic Range	Digital WDR	Digital WDR
Video Output	HD BNC X1	HD BNC X1
Housing	Plastic	Metal
Color	White	White
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F - 140 °F/-40 °C - 60 °C	-40 °F - 140 °F/-40 °C - 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP66	IP66
Dimension (L X W X H)	5.465" x 2.389" 2.278" / 138.8 mm x 60.9 mm x 57.9 mm	3.54" x 3.25" x 3.12" / 90 mm x 82.6 mm x 79.372 mm
Weight	Approx. 145 g (0.32 lb.)	Approx. 360 g (0.79 lb.)

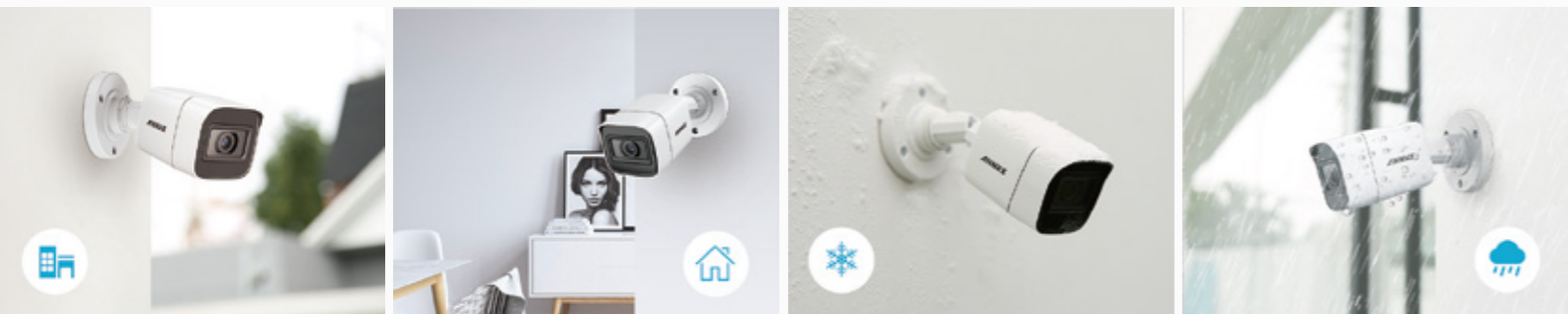
### 100ft Excellent Night Vision Coverage

Built-in EXIR LEDs enable the camera to capture clear scenes even in pitch-dark area. Night vision covers up to 100 feet, guards your house day and night like a faithful soldier.



# 100 ft Night Vision & Wider Monitoring Area

- 100 ft Night Vision
- 2 Infrared LEDs
- 2.8 mm Lens



ANNKE Model	CR1BL	CR1BG
Image sensor	8MP CMOS Image Sensor	5MP CMOS Image Sensor
Video Format	TVI	TVI
Video Resolution	3840(H) X 2160(V)	2560 (H) x 1944 (V)
Signal Sysem	PAL/NTSC	PAL/NTSC
Video Bit Rate	8MP@12.5 fps/15 fps	5 MP@20fps
Lens	2.8 mm	2.8 mm
Min. Illumination	0.01 Lux@(F1.2, AGC On), 0 Lux with IR	0.01 Lux@(F1.2, AGC On), 0 Lux with IR
Angle of View	102.2°	85.5°
IR LEDs	1	2
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	2D DNR	2D DNR
Wide Dynamic Range	Digital WDR	Digital WDR
Video Output	HD BNC X1	HD BNC X1
Housing	Plastic	Plastic
Color	White	White
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F - 140 °F/-40 °C - 60 °C	-40 °F - 140 °F/-40 °C - 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP67	IP67
Dimension (L X W X H)	58 mm X 61 mm X 159.8 mm (2.28" X 2.40" X 6.42")	58 mm X 61 mm X 163mm (2.28" x 2.40" x 6.42")
Weight	Approx. 210 g (0.46 lb.)	Approx. 180 g (0.4 lb.)



ANNKE Model	CT1DY
Image sensor	1/2.8" progressive scan CMOS
Max.Resolution	PAL: 1080p@25 fps NTSC: 1080p@30 fps
Focal Length	4.8 mm to 120 mm, 25x Optical
Zoom	25x optical, 16x digital
Min. Illumination	Color: 0.005Lux @ (F1.6, AGC ON), B/W: 0.001Lux @ (F1.6, AGC ON), 0 Lux with IR
Day & Night	IR cut filter
Field of View	57.6° to 2.5° (Wide-Tele)
Supplement Light Range	IR Distance: up to 150 m
PT Movement Range	PAN:0° to 360°,Tilt:From -15° to 90°
Pan Speed	Pan manual speed: 0.1° to 120°/s Pan preset speed: 120°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 80°/s, preset speed 80°/s
Presets	256
Patrol Scan	10 patrols, up to 32 presets per patrol
Pattern Scan	5 patterns, with the total recording time no less than 10 minutes
Power-off Memory	Support
Park Action	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/None
Scheduled Task	Preset/Patrol/Pattern/Pan Scan/Tilt Scan/Panorama Scan/Day Mode/Night Mode/Zero Calibration/None
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	120 dB
Power	24 VAC Max.30 W (IR:10 W)
Operating Condition	-30 °C to 65 °C (-22 °F to 149 °F). Humidity 90% or less (non-condensing)
Weatherproof Rating	IP66,TVS 4000 V
Dimension	Ø 208 mm x 305 mm (Ø 8.19" x12.01")
Weight	Approx.3.3 kg (7.28 lb.)

## 1 25X Optical Zoom

## 2 7 Smart Detection Ways

Wide-Angle View

25X Optical Zoom (1,000 ft)

Line Crossing Detection

Line Crossing Detection

Region Entrance Detection

Region Exiting Detection

Object Removal Detection

Intrusion Detection

Unattended Baggage Detection

Audio Exception Detection

## Smart Motion Detection Alerts

- App Push Notifications
- Email Alerts with Snapshots
- DVR Buzzer Warning

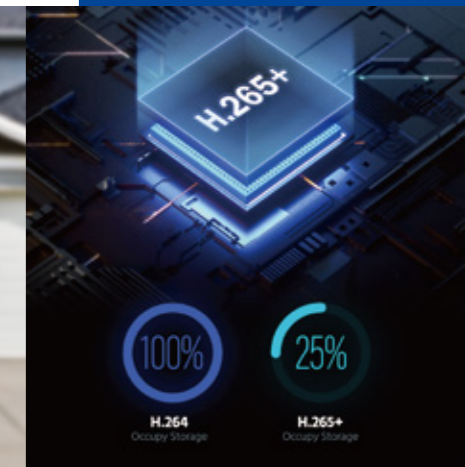
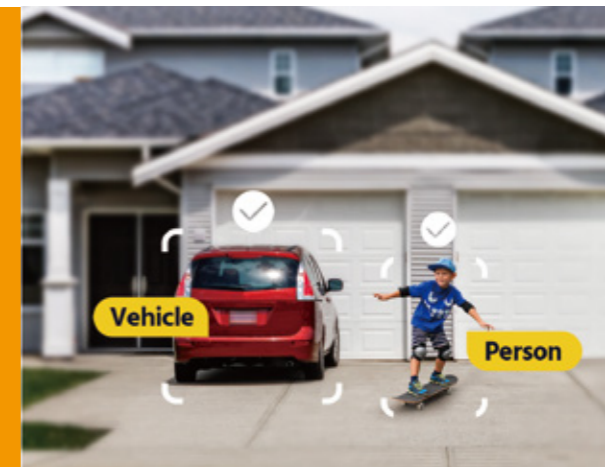


<b>ANNKE Model</b>	<b>DT61BS</b>
<b>Video Compression</b>	H.264+/H.264/H.265/H.265+
<b>Video Input</b>	16CH Analog HD/Analog+2CH IP
<b>Video Output</b>	HDMI and VGA Up to 1080P
<b>Audio Input/Output</b>	1/1 RCA
<b>Max Analog Input Solution</b>	1080P Lite
<b>Max IPC Input Solution</b>	Up to 5MP
<b>Max Analog Playback Solution</b>	1080P Lite@15fps
<b>Max Playback Channel</b>	16CH
<b>Onvif Protocols</b>	Support
<b>Behavior Analysis</b>	Line Crossing,Intrusion,Motion
<b>Smart Playback</b>	Support
<b>HDD Capacity</b>	1 SATA,10T/Sata
<b>Network Interface</b>	RJ45 x1(10/100M)
<b>USB</b>	USB 2.0 X2
<b>Operating Power</b>	DC12V
<b>Working Temperature</b>	14 °F – 131 °F /-10 °C – 55 °C
<b>Dimensions(W x H x D)</b>	10.2" x 8.7" x 1.8" / 260 x 222 x 45mm
<b>Weight (Without Hard Disk)</b>	< 1.1 kg (2.4 lb.)(without HDD)



ANNKE Model	DW41JD	DW81KD	DW61LD	DX31NB
<b>Video Compression</b>	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
<b>Video Input</b>	4CH Analog HD/Analog+1CH IP Video (up to 6 channel when IP enhanced mode on)	8CH Analog HD/Analog + 2CH IP Video (up to 12 channel when IP enhanced mode on)	16CH Analog HD/Analog + 2CH IP Video (up to 24 channel when IP enhanced mode on)	32CH Analog HD/Analog + 2CH (up to 34-ch) IP (Enhanced IP mode on: 8-ch (up to 40-ch), each up to 4 Mbps)
<b>Video Output</b>	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P	HDMI up to 4K,VGA up to 1080p
<b>Audio Input/Output</b>	1/1 RCA	1/1 RCA	1/1 RCA	1/1 RCA
<b>Max Analog Input Solution</b>	3K Lite	3K Lite	3K Lite	3K Lite
<b>Max IPC Input Solution</b>	Up to 3MP	Up to 6MP	Up to 6MP	Up to 6MP
<b>Max Analog Playback Solution</b>	3K Lite@20fps	3K Lite@20fps	3K Lite@20fps	3K Lite@20fps
<b>Max Playback Channel</b>	1CH	2CH	4CH	16CH
<b>Max Playback Channel</b>	Support	Support	Support	Support
<b>Onvif Protocols</b>	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm
<b>Behavior Analysis</b>	Support	Support	Support	Support
<b>HDD Capacity</b>	1 SATA,10T/Sata	1 SATA,10T/Sata	1 SATA,10T/Sata	2 SATA,10T/Sata
<b>Network Interface</b>	RJ45 x1(10/100M)	RJ45 x1(10/100M)	RJ45 x1(10/100M/1000M)	RJ45 x1(10/100M/1000M)
<b>USB</b>	USB 2.0 X2	USB 2.0 X2	USB 2.0 X2	USB 2.0 X1,USB 3.0 X 1
<b>Operating Power</b>	DC12V	DC12V	DC12V	DC12V
<b>Working Temperature</b>	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C
<b>Dimensions(W x H x D)</b>	260 x 222 x 45 mm (10.2 x 8.7 x 1.8 inch)	260 x 222 x 45 mm (10.2 x 8.7 x 1.8 inch)	260 x 222 x 45 mm (10.2 x 8.7 x 1.8 inch)	385 x 315 x 52 mm (15.2 x 12.4 x 2.0 inch)
<b>Weight (without hard disk)</b>	< 1 kg (2.2 lb.)(without HDD)	< 1 kg (2.2 lb.)(without HDD)	< 1.2 kg (2.6 lb.)(without HDD)	< 2 kg (4.4 lbs.) (Without HDD)

## Person/Vehicle Detection



<b>ANNKE Model</b>	<b>DT81DX</b>
<b>Video Compression</b>	H.264+/H.264/H.265/H.265+
<b>Video Input</b>	8CH Analog HD/Analog + 4CH (up to 12-ch) IP (Enhanced IP mode on:8-ch (up to 16-ch), each up to 4 Mbps)
<b>Video Output</b>	HDMI up to 4K,VGA up to 1080p
<b>Audio Input/Output</b>	1/1 RCA
<b>Max Analog Input Solution</b>	4K
<b>Max IPC Input Solution</b>	Up to 8MP
<b>Max Analog Playback Solution</b>	4K@8fps
<b>Max Playback Channel</b>	8CH
<b>Onvif Protocols</b>	Support
<b>Behavior Analysis</b>	All analog channels support human and vehicle detection to reduce false alarm
<b>Smart Playback</b>	Support
<b>HDD Capacity</b>	1 SATA,10T/Sata
<b>Network Interface</b>	RJ45 x1(10/100M/1000M)
<b>USB</b>	USB 2.0 X1,USB 3.0 X 1
<b>Operating Power</b>	DC12V
<b>Weight (Without Hard Disk)</b>	< 2 kg (4.4 lb.)(without HDD)



ANNKE Model	D941BB	D961BB
<b>Video Compression</b>	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
<b>Video Input</b>	4CH Analog Camera+ 2CH IP Camera	16CH Analog HD/Analog + 16CH IP
<b>Video Output</b>	HDMI up to 2K,VGA up to 1080p,BNC	HDMI up to 4K,VGA up to 1080p,BNC
<b>Audio Input/Output</b>	1/1 RCA	1/1 RCA
<b>Max Analog Input Solution</b>	8MP	8MP
<b>Max IPC Input Solution</b>	8MP	8MP
<b>Max Analog Playback Solution</b>	8MP@8fps	8MP@8fps
<b>Max Playback Channel</b>	6ch	16ch
<b>Onvif Protocols</b>	Support	Support
<b>Behavior Analysis</b>	Line Crossing,Intrusion,Motion	Line Crossing,Intrusion,Motion
<b>Smart Playback</b>	Yes	Yes
<b>HDD Capacity</b>	2 SATA,10T/Sata	2 SATA,10T/Sata
<b>Network Interface</b>	RJ45 x1(10/100M/1000M)	RJ45 x1(10/100M/1000M)
<b>RS485</b>	Support	Support
<b>USB</b>	USB 2.0 X2	USB 2.0 X2
<b>Operating Power</b>	DC12V	DC12V
<b>Working Temperature</b>	14 °F – 131 °F/-10 °C – 55 °C	14 °F – 131 °F/-10 °C – 55 °C
<b>Dimensions (W X H X D)</b>	315 x 242 x 45 mm (12.4 x 9.5 x 1.8 inch)	380 X 320 X 48 mm (15.0 X 12.6 X 1.9 Inches)
<b>Weight (Without Hard Disk)</b>	< 1.16 kg (2.6 lb)	< 2.1 kg (4.6 lb)

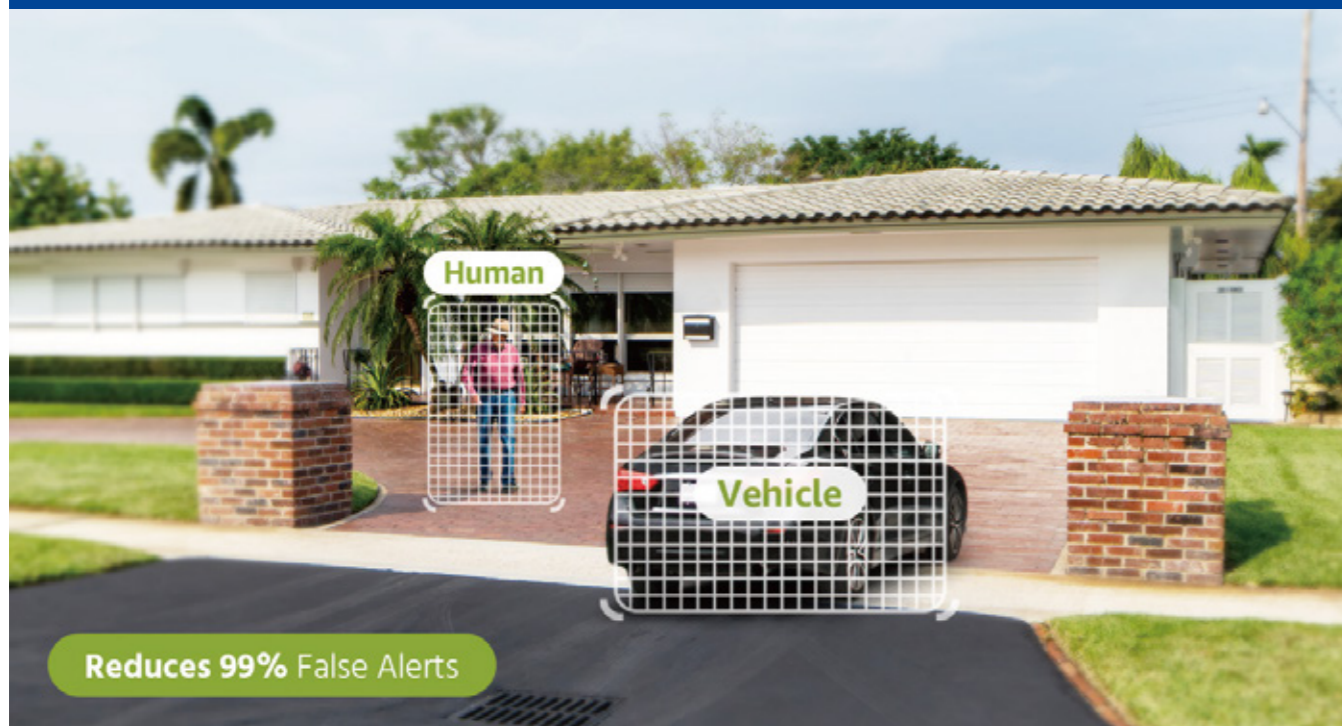




ANNKE Model	<b>DT81BG</b>
Video Compression	H.264+/H.264/H.265/H.265+
Video Input	8CH Analog HD/Analog + 2CH IP (each up to 5 Mbps)
Video Output	HDMI/VGA up to 1080p/60 Hz
Audio Input/Output	0/8-ch via coaxial cable
Supported Camera Types	5 MP@12 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps,
Analog HD Playback Resolution	Support HDTV Input: 5MP@12.5FPS, 1080p&720p@30/25FPS Support AHD Input: 1080p&720p@30/25FPS Support CVI Input: 1080p&720p@30/25FPS Support CVBS Input
IP Camera Input	2-CH
IPC Recording Resolution	Up to 5MP
IPC Playback Resolution	Up to 5MP
Max Playback Channel	4CH
Behavior Analysis	All analog channels support human and vehicle detection to reduce false alarm
ONVIF	Support
SSD	Build in SSD
SSD Capacity	480G, 2 weeks continuous recording for 8 channel camera
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
USB	USB 2.0 X2
Working Temperature	14 °F – 113 °F/-10 °C – 45 °C
Operating Power	DC12V
Weight	< 0.5 kg (1.1 lb)

## Efficient Video Analytics

Motion Detection 2.0 recognizes and extracts key objects quickly like human beings and vehicles. And it's cost-effective and timesaving without losing important details



ANNKE Model	DW41JD+C51BG*4	DW81KD+C51BG*4
DVR		
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
Video Input	4CH Analog HD/Analog+1CH IP Video (up to 6 channel when IP enhanced mode on)	8CH Analog HD/Analog + 2CH IP Video (up to 12 channel when IP enhanced mode on)
Video Output	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P
Audio Input/Output	1/1 RCA	1/1 RCA
Max Analog Input Solution	3K Lite	3K Lite
Max IPC Input Solution	Up to 3MP	Up to 6MP
Max Analog Playback Solution	3K Lite@20fps	3K Lite@20fps
Max Playback Channel	1CH	2CH
Onvif Protocols	Support	Support
Behavior Analysis	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm
Smart Playback	Support	Support
HDD Capacity	1 SATA,10T/Sata	1 SATA,10T/Sata
Network Interface	RJ45 x1(10/100M)	RJ45 x1(10/100M)
USB	USB 2.0 X2	USB 2.0 X2
Operating Power	DC12V	DC12V
Working Temperature	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C
Camera*4		
Image sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Video Format	TVI	TVI
Video Resolution	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)
Signal Sysem	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL: 1080p@25 fps NTSC: 1080p@30 fps	PAL: 1080p@25 fps NTSC: 1080p@30 fps
Lens	3.6 mm	3.6 mm
Min. Illumination	Color: 0.02 Lux @(F1.2,AGC On); 0 Lux with IR	Color: 0.02 Lux @(F1.2,AGC On); 0 Lux with IR
Angle of View	82.2°	82.2°
IR LEDs	12	12
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	Support	Support
Wide Dynamic Range	Digital WDR	Digital WDR
Video Output	HD BNC X1	HD BNC X1
Housing	Plastic	Plastic
Color	White	White
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP66	IP66

## Durable and Weatherproof camera

Built with IP66 weatherproof housing fit for indoor and outdoor use, the cameras can withstand the most terrible climate that the mother nature brings. Just bring it on, whether it is rain, snow, sleet or wind, the cameras never disappoint you.





ANNKE Model	DW81KD+CT1GT*4	DW81KD+CT1GT*8	DW61LD+CT1GT*8
DVR			
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
Video Input	4CH Analog HD/Analog+1CH IP Video (up to 6 channel when IP enhanced mode on)	8CH Analog HD/Analog + 2CH IP Video (up to 12 channel when IP enhanced mode on)	16CH Analog HD/Analog + 2CH IP Video (up to 24 channel when IP enhanced mode on)
Video Output	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P
Audio Input/Output	1/1 RCA	1/1 RCA	1/1 RCA
Max Analog Input Solution	3K Lite	3K Lite	3K Lite
Max IPC Input Solution	Up to 3MP	Up to 6MP	Up to 6MP
Max Analog Playback Solution	3K Lite@20fps	3K Lite@20fps	3K Lite@20fps
Max Playback Channel	1CH	2CH	4CH
Onvif Protocols	Support	Support	Support
Behavior Analysis	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm
Smart Playback	Support	Support	Support
HDD Capacity	1 SATA,10T/Sata	1 SATA,10T/Sata	1 SATA,10T/Sata
Network Interface	RJ45 x1(10/100M)	RJ45 x1(10/100M)	RJ45 x1(10/100M/1000M)
USB	USB 2.0 X2	USB 2.0 X2	USB 2.0 X2
Operating Power	DC12V	DC12V	DC12V
Working Temperature	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C
Camera*4		<b>Camera*8</b>	<b>Camera*8</b>
Image sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Video Format	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI
Video Resolution	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL: 1080P@25 fps NTSC: 1080P@30 fps	PAL: 1080P@25 fps NTSC: 1080P@30 fps	PAL: 1080P@25 fps NTSC: 1080P@30 fps
Lens	3.6 mm	3.6 mm	3.6 mm
Min. Illumination	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR
Angle of View	Horizontal FOV: 78°, Vertical FOV: 42°, Diagonal FOV: 92°	Horizontal FOV: 78°, Vertical FOV: 42°, Diagonal FOV: 92°	Horizontal FOV: 78°, Vertical FOV: 42°, Diagonal FOV: 92°
Supplement Light type	1 white Light & 2 EXIR	1 white Light & 2 EXIR	1 white Light & 2 EXIR
Supplement Light Range	IR : Up to 25 m, white Light : Up to 20 m	IR : Up to 25 m, white Light : Up to 20 m	IR : Up to 25 m, white Light : Up to 20 m
Supplement Light Mode	IR light works normally, and it switches to white light when human or vehicle are detected at night.	IR light works normally, and it switches to white light when human or vehicle are detected at night.	IR light works normally, and it switches to white light when human or vehicle are detected at night.
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR
Audio	Built-in mic	Built-in mic	Built-in mic
Video Output	BNC, switchable TVI/AHD/CVI/CVBS	BNC, switchable TVI/AHD/CVI/CVBS	BNC, switchable TVI/AHD/CVI/CVBS
Housing	Plastic	Plastic	Plastic
Color	White	White	White
Operating Power	DC 12 V	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP67	IP67	IP67



ANNKE Model	DW81KD+CR1BG*4	DW81KD+CR1BG*8
DVR		
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
Video Input	4CH Analog HD/Analog+1CH IP Video (up to 6 channel when IP enhanced mode on)	8CH Analog HD/Analog + 2CH IP Video (up to 12 channel when IP enhanced mode on)
Video Output	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P
Audio Input/Output	1/1 RCA	1/1 RCA
Max Analog Input Solution	3K Lite	3K Lite
Max IPC Input Solution	Up to 3MP	Up to 6MP
Max Analog Playback Solution	3K Lite@20fps	3K Lite@20fps
Max Playback Channel	1CH	2CH
Onvif Protocols	Support	Support
Behavior Analysis	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm
Smart Playback	Support	Support
HDD Capacity	1 SATA,10T/Sata	1 SATA,10T/Sata
Network Interface	RJ45 x1(10/100M)	RJ45 x1(10/100M)
USB	USB 2.0 X2	USB 2.0 X2
Operating Power	DC12V	DC12V
Working Temperature	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C
Camera*4		<b>Camera*8</b>
Image sensor	5MP CMOS Image Sensor	5MP CMOS Image Sensor
Video Format	TVI	TVI
Video Resolution	2560 (H) x 1944 (V)	2560 (H) x 1944 (V)
Signal System	PAL/NTSC	PAL/NTSC
Video Bit Rate	5 MP@20fps	5 MP@20fps
Lens	2.8 mm	2.8 mm
Min. Illumination	0.01 Lux@(F1.2, AGC On), 0 Lux with IR	0.01 Lux@(F1.2, AGC On), 0 Lux with IR
Angle of View	85.5°	85.5°
IR LEDs	2	2
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	2D DNR	2D DNR
Wide Dynamic Range	Digital WDR	Digital WDR
Video Output	HD BNC X1	HD BNC X1
Housing	Plastic	Plastic
Color	White	White
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP67	IP67

Intelligent Motion Detection

App Push

Email

Buzzer



Flawless 5MP Day & Night Footage

2.5X  
Clarity of 1080P

5MP  
5 Million Pixels





ANNKE Model	DW81KD+CR1CV*4	DW81KD+CR1CV*8	DW61LD+CR1CV*4+CR1CW*4
DVR			
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
Video Input	4CH Analog HD/Analog+1CH IP Video (up to 6 channel when IP enhanced mode on)	8CH Analog HD/Analog + 2CH IP Video (up to 12 channel when IP enhanced mode on)	8CH Analog HD/Analog + 2CH IP Video (up to 12 channel when IP enhanced mode on)
Video Output	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P
Audio Input/Output	1/1 RCA	1/1 RCA	1/1 RCA
Max Analog Input Solution	3K Lite	3K Lite	3K Lite
Max IPC Input Solution	Up to 3MP	Up to 6MP	Up to 6MP
Max Analog Playback Solution	3K Lite@20fps	3K Lite@20fps	3K Lite@20fps
Max Playback Channel	1CH	2CH	2CH
Onvif Protocols	Support	Support	Support
Behavior Analysis	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm
Smart Playback	Support	Support	Support
HDD Capacity	1 SATA,10T/Sata	1 SATA,10T/Sata	1 SATA,10T/Sata
Network Interface	RJ45 x1(10/100M)	RJ45 x1(10/100M)	RJ45 x1(10/100M)
USB	USB 2.0 X2	USB 2.0 X2	USB 2.0 X2
Operating Power	DC12V	DC12V	DC12V
Working Temperature	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C
Camera*4			
Image sensor	3K CMOS Image Sensor	3K CMOS Image Sensor	3K CMOS Image Sensor
Video Format	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI
Video Resolution	2960 (H) x 1665 (V) (16:9)	2960 (H) x 1665 (V) (16:9)	2960 (H) x 1665 (V) (16:9)
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL/NTSC: 3K@20 fps	PAL/NTSC: 3K@20 fps	PAL/NTSC: 3K@20 fps
Lens	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	Color:0.01 Lux @ (F1.2,AGC ON),0 Lux with IR
Angle of View	Horizontal FOV: 107°, Vertical FOV: 64°, Diagonal FOV: 129°	Horizontal FOV: 107°, Vertical FOV: 64°, Diagonal FOV: 129°	Horizontal FOV: 107°, Vertical FOV: 64°, Diagonal FOV: 129°
Supplement Light type	1 white Light & 2 EXIR	1 white Light & 2 EXIR	1 white Light & 2 EXIR
Supplement Light Range	IR : Up to 25 m, white Light : Up to 20 m	IR : Up to 25 m, white Light : Up to 20 m	IR : Up to 25 m, white Light : Up to 20 m
Supplement Light Mode	IR light works normally, and it switches to white light when human or vehicle are detected at night.	IR light works normally, and it switches to white light when human or vehicle are detected at night.	IR light works normally, and it switches to white light when human or vehicle are detected at night.
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR
Audio	Built-in mic	Built-in mic	Built-in mic
Video Output	BNC, switchable TVI/AHD/CVI/CVBS	BNC, switchable TVI/AHD/CVI/CVBS	BNC, switchable TVI/AHD/CVI/CVBS
Housing	Plastic	Plastic	Plastic
Color	White	White	White
Operating Power	DC 12 V	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP67	IP67	IP67



ANNKE Model	DW81KD+CT1DW*4	DW81KD+C51EZ*4	DW61LD+CT1DW*8
DVR			
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
Video Input	4CH Analog HD/Analog+1CH IP Video (up to 6 channel when IP enhanced mode on)	4CH Analog HD/Analog+1CH IP Video (up to 6 channel when IP enhanced mode on)	16CH Analog HD/Analog + 2CH IP Video (up to 24 channel when IP enhanced mode on)
Video Output	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P	HDMI and VGA Up to 1080P
Audio Input/Output	1/1 RCA	1/1 RCA	1/1 RCA
Max Analog Input Solution	3K Lite	3K Lite	3K Lite
Max IPC Input Solution	Up to 3MP	Up to 3MP	Up to 6MP
Max Analog Playback Solution	3K Lite@20fps	3K Lite@20fps	3K Lite@20fps
Max Playback Channel	1CH	1CH	4CH
Onvif Protocols	Support	Support	Support
Behavior Analysis	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm
Smart Playback	Support	Support	Support
HDD Capacity	1 SATA,10T/Sata	1 SATA,10T/Sata	1 SATA,10T/Sata
Network Interface	RJ45 x1(10/100M)	RJ45 x1(10/100M)	RJ45 x1(10/100M/1000M)
USB	USB 2.0 X2	USB 2.0 X2	USB 2.0 X2
Operating Power	DC12V	DC12V	DC12V
Working Temperature	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C
Camera*4		Camera*4	Camera*8
Image sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Video Format	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI	TVI/AHD/CV1/CVBS Default TVI
Video Resolution	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)	1920 (H) X 1080 (V)
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC
Video Bit Rate	PAL: 1080P@25 fps NTSC: 1080P@30 fps	PAL: 1080P@25 fps NTSC: 1080P@30 fps	PAL: 1080P@25 fps NTSC: 1080P@30 fps
Lens	2.8 mm	2.8 mm	2.8 mm
Min. Illumination	0.001 Lux@(F1.0, AGC On), 0 Lux with White Light	0.001 Lux@(F1.0, AGC On), 0 Lux with White Light	0.001 Lux@(F1.0, AGC On), 0 Lux with White Light
Angle of View	Horizontal FOV: 102°, Vertical FOV: 54°, Diagonal FOV: 121°	Horizontal FOV: 102°, Vertical FOV: 54°, Diagonal FOV: 121°	Horizontal FOV: 102°, Vertical FOV: 54°, Diagonal FOV: 121°
IR LEDs	1	1	1
Night Vision Distance	Up to 65 ft/20 m	Up to 65 ft/20 m	Up to 65 ft/20 m
DNR	3D DNR	3D DNR	3D DNR
Wide Dynamic Range	130 dB WDR	DWDR	DWDR
Video Output	HD BNC X1	HD BNC X1	HD BNC X1
Housing	Metal	Metal	Metal
Color	White	White	White
Operating Power	DC 12 V	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP66	IP66	IP66

### Smart Dual-Light

B&W night vision turns into color when human/vehicle is detected

# Accurate Human & Vehicle Detection

Thanks to deep learning algorithm 2.0, real threats of human and vehicle are detected with higher accuracy that frees you from unwanted alerts.



ANNKE Model	DT81DX+CR1BL*4	DT81DX+CR1BL*8
DVR		
Video Compression	H.264+/H.264/H.265/H.265+	H.264+/H.264/H.265/H.265+
Video Input	8CH Analog HD/Analog + 4CH (up to 12-ch) IP (Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps)	8CH Analog HD/Analog + 4CH (up to 12-ch) IP (Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps)
Video Output	HDMI up to 4K,VGA up to 1080p	HDMI up to 4K,VGA up to 1080p
Audio Input/Output	1/1 RCA	1/1 RCA
Max Analog Input Solution	4K	4K
Max IPC Input Solution	Up to 8MP	Up to 8MP
Max Analog Playback Solution	4K@8fps	4K@8fps
Max Playback Channel	8CH	8CH
Onvif Protocols	Support	Support
Behavior Analysis	All analog channels support human and vehicle detection to reduce false alarm	All analog channels support human and vehicle detection to reduce false alarm
Smart Playback	Support	Support
HDD Capacity	1 SATA,10T/Sata	1 SATA,10T/Sata
Network Interface	RJ45 x1(10/100M/1000M)	RJ45 x1(10/100M/1000M)
USB	USB 2.0 X1 , USB 3.0 X 1	USB 2.0 X1 , USB 3.0 X 1
Operating Power	DC12V	DC12V
Working Temperature	-14 °F – 131 °F /-10 °C – 55 °C	-14 °F – 131 °F /-10 °C – 55 °C
Camera*4		<b>Camera*8</b>
Image sensor	8MP CMOS Image Sensor	8MP CMOS Image Sensor
Video Format	TVI	TVI
Video Resolution	3840(H) X 2160(V)	3840(H) X 2160(V)
Signal System	PAL/NTSC	PAL/NTSC
Video Bit Rate	8MP@12.5 fps/15 fps	8MP@12.5 fps/15 fps
Lens	2.8 mm	2.8 mm
Min. Illumination	0.01 Lux@(F1.2, AGC On), 0 Lux with IR	0.01 Lux@(F1.2, AGC On), 0 Lux with IR
Angle of View	102.2°	102.2°
IR LEDs	1	1
Night Vision Distance	Up to 100 ft/30 m	Up to 100 ft/30 m
DNR	2D DNR	2D DNR
Wide Dynamic Range	Digital WDR	Digital WDR
Video Output	HD BNC X1	HD BNC X1
Housing	Plastic	Plastic
Color	White	White
Operating Power	DC 12 V	DC 12 V
Operating Temperature	-40 °F – 140 °F/-40 °C – 60 °C	-40 °F – 140 °F/-40 °C – 60 °C
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Weatherproof Rating	IP67	IP67



ANNKE Model	I81HF	ANNKE Model	I91BU
Image sensor	1/3" Progressive Scan CMOS	Image sensor	1/1.2" Progressive Scan CMOS
Main Stream	*50 Hz: 12.5 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2688 × 1520, 1920 × 1080, 1280 × 720)*	Max. Resolution	3840 × 2160
Sub Stream	*50 Hz: 12.5 fps (640 × 480, 640 × 360) 60 Hz: 15 fps (640 × 480, 640 × 360)*	Main Stream	50 Hz: 12.5 fps (3840 × 2160, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 2688 × 1520, 1920 × 1080, 1280 × 720)
Video compression	H.265+/H.265/H.264+/H.264	Sub Stream	50 Hz: 12.5 fps (640 × 480, 640 × 360) 60 Hz: 15 fps (640 × 480, 640 × 360)
Video Bit Rate	32 Kbps to 8 Mbps	Video compression	H.265 encoding
Built-in Microphone	Yes, support environment noise filtering	Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC/MP3	Lens	2.8 mm
Built-in Speaker	Yes, support audio alarm and 2-way audio	Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with white light
Lens	4 mm	Angle of View	horizontal FOV: 101.6°, vertical FOV: 52.4°, diagonal FOV: 124°
Min. Illumination	Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Supplement Light Range	Up to 30 m
Angle of View	Horizontal FOV 83.7°, vertical FOV 44°, diagonal FOV 99.5°	4G Frequency	LTE-TDD/LTE-FDD/WCDMA/GSM
PIR Range	Up to 10 m	Image Enhancement	BLC, HLC, 3D DNR
IR Range	Full consumption mode: up to 30 m Low power mode: up to 10 m	Wide Dynamic Range	120dB WDR
4G Frequency	For US Version: LTE-FDD: Band 2/4/5/12/13/17/66/71; WCDMA: Band 2/4/5 For EU Version: LTE-TDD: Band 38/40/41;LTE-FDD: Band 1/3/5/7/8/20/28; WCDMA: Band 1/5/8;GSM: band 3/5/8	Network Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, Distortion correction	Basic Event	motion detection
Wide Dynamic Range	120dB WDR	Housing	Front cover: metal, body: metal, bracket: metal 12 VDC ± 20%, Ø 5.5 mm coaxial power plug
Network Protocols	TCP/IP, ICMP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IPv6, UDP, Bonjour, SSL/TLS	Power	1. Standby power consumption: 53 mW 2. The average power consumption of 24 hours: 2 W (4G transmission is excluded). 3. The max. power consumption: 3.2 W
Basic Event	PIR detection, motion detection	PV Panel	Dimension: 205.1 mm × 145.1 mm × 2.35 mm (8.1" × 5.7" × 0.1") Standard output consumption: 5 W Standard testing condition: AM = 1.5, 25 °C (77 °F), 1000 W/m², SMQ + 12%
Housing	Metal&plastic, White color	Battery	30 Ah Ternary lithium
Operating Power	5 VDC ± 10%, reverse polarity protection	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Power Interface	Power supply interface: microUSB Extended solar panel: Ø 3.5 mm, 5 VDC	Storage	Built-in memory card slot, support microSD card, up to 256 GB; Built-in 64 GB eMMC storage
Power Consumption and Current	Typical power scenarios: 1.85 W (4G working) Standby scenarios: 40 mW Max. power consumption: 4.8 W	Hardware Reset	Yes
PV Panel	Dimension: 205.1 mm × 145.1 mm × 2.35 mm (8.1" × 5.7" × 0.1") Standard output consumption: 5 W Standard testing condition: AM = 1.5, 25 °C (77 °F), 1000 W/m², SMQ + 12%	Operating Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Battery	10 Ah Ternary lithium	Weatherproof Rating	IP67
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port	Dimension (L x W x H)	862 × 292 × 765 mm (33.9" × 11.5" × 30.1")
Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB, Built-in 8 GB eMMC storage (6 GB available for recording), support NAS, NVR	Weight	Approx. 30.1 kg (66.3 lb.)
Hardware Reset	Yes		
Operating Temperature	32 °F – 104 °F /0 °C – 40 °C		
Weatherproof Rating	IP66		
Dimension (L x W x H)	245.8 mm × 156 mm × 214 mm (9.7" × 6.1" × 8.4")		
Weight	Approx. 1.24K g (2.7 lb.)		



ANNKE Model	I71ED		
Video Resolution	3MP(2304*1296)	Wireless Security	WEP, WPA, WPA2
Image sensor	1/2.9" Progressive Scan CMOS	Remote Access	P2P
Lens	4mm	Standard	A7670E (EU)
Video compression	H.264	Network type	FDD/LTE-FDD
Audio Compression	Two Way Audio	Support bands	LTE-FDD: B1/B3/B5/B7/B8/B20
Audio Input/output	Built-in microphone and speaker	4G Version	CN/AU/EU/JP/US/ASEAN(Optional)
Night Vision Distance	Black&White mode: 10m, Color Mode:10m	Housing	Plastic
Low illumination	Colour cut black: 0.8 Lux; colour cut black: 8.5 Lux	Operating Power	DC 5V
Day Night Mode	Auto change with IR-CUT removable	Storage	Micro SD(Max 128GB)
Event	PIR/ Human Motion Detection	Operating Temperature	-20°C – 60°C
PTZ	Horizontal angle:336°;Vertical angle:90°; Speed: High, medium or low, default medium	Indoor/Outdoor	Indoor/Outdoor
Battery Information	8400mAh rechargeable Li batteries	Weatherproof Rating	IP66
Solar Panel	5W	Hardware Reset	Yes
Wireless networks	2.4G WIFI(IEEE802.11b/g/n)	Operating Temperature	32 °F – 104 °F /0 °C – 40 °C
		Weatherproof Rating	IP66

# 2T2R MIMO Antennas - Stronger Signal

164 ft Cascade Connection



ANNKE Model	<b>I51CE</b>
Video Resolution	5MP (2560*1920)
Image Sensor	1/2.8" Progressive Scan CMOS
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Video Compression	H.265+/H.264+/H.265/H.264
Lens	2.8 mm
Angle of View	Horizontal FOV: 97°, Vertical FOV: 52°, Diagonal FOV: 114°
Number of Infrared LEDs	2
Night Vision Distance	Up to 100 ft/30 m
IR-Cut Filter	Yes
Ethernet	RJ45 X1 (10 M/100 M)
Wireless	IEEE802.11b/g/n
Housing	Front Cover: Plastic, Camera Body: Metal
Operating Power	DC 12 V
Operating Temperature	-22 °F ~ 140 °F/-30 °C ~ 60 °C
Weatherproof Rating	IP66
Dimension (L X W X H)	175.6 X 73.0 X 89.1 mm (6.9" X 2.9" X 3.5")
Weight	330 g (0.7 lb.)



N48WHS+I51CE*4+1T			
NVR+1T		Camera*4	
Video Compression	H.265+/H.264+/H.265/H.264	Video Resolution	5MP (2560*1920)
IP Video Input	8CH Wireless	Image Sensor	1/2.8" Progressive Scan CMOS
Video Output	HDMI and VGA up to 1080p	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Output	Support	Video Compression	H.265+/H.264+/H.265/H.264
Max. Recording Resolution	Up to 5MP (2560 X 1920)	Lens	2.8 mm
Max. Playback Resolution	Up to 5MP (2560 X 1920)	Angle of View	Horizontal FOV: 97°, Vertical FOV: 52°, Diagonal FOV: 114°
Max. Playback Channel	4CH	Number of Infrared LEDs	2
Max. Playback Capacity	4CH 4MP/3CH 5MP	Night Vision Distance	Up to 100 ft/30 m
HDD	1 SATA Interface	IR-Cut Filter	Yes
HDD Capacity	Built-in 1T HDD, Up to 6 TB Capacity	Ethernet	RJ45 X1 (10 M/100 M)
Network Interface	RJ45 X1 (10/100 M)	Wireless	IEEE802.11b/g/n
Wireless Antenna	2 Ports (IEEE802.11b/g/n)	Housing	Front Cover: Plastic, Camera Body: Metal
WiFi	2.4 GHz (Built-in Antenna)	Operating Power	DC 12 V
USB	USB 2.0 X2	Operating Temperature	-22 °F ~ 140 °F/-30 °C ~ 60 °C
Housing	Metal for Main Part	Weatherproof Rating	IP66
Operating Power	DC 12 V		
Power Consumption	<12 W		



ANNKE Model	<b>N48WHR+I71GK*4+1T</b>	ANNKE Model	<b>N44WEE+I71GK*4+1T</b>	ANNKE Model	<b>N44WET+I71GK*2</b>
NVR+1T		NVR+1T		NVR	
Video Compression	H.264+	Video Compression	H.264+	Video Compression	H.264+
IP Video Input	8CH Wireless	IP Video Input	4CH Wireless	IP Video Input	4CH Wireless
Video Output	HDMI and VGA up to 1080p	Audio Output	Support	Audio Input	Microphone
Audio Output	Support	Max Recording Resolution	Up to 5MP (2560x1920)	Audio Output	Speaker
Max Recording Resolution	Up to 5MP (2560 X 1920)	Max Playback Resolution	Up to 5M(2560x1920)	Max Recording Resolution	Up to 5M(2560x1920)
Max Playback Resolution	Up to 5MP (2560 X 1920)	Max Playback Channel	4CH	Max Playback Resolution	Up to 5M(2560x1920)
Max Playback Channel	4CH	Max Playback Capacity	4CH 3MP/2CH 5MP	Max Playback Channel	1CH
Max Playback Capacity	4CH 3MP/2CH 5MP	HDD	1 SATA Interface	Max Playback Capacity	4CH 3MP/2CH 5MP
HDD	1 SATA Interface	HDD Capacity	Built-in 1T HDD, Up to 6 TB Capacity	HDD	1 SATA interface
HDD Capacity	Built-in 1T HDD, Up to 6 TB Capacity	HDD Capacity	Up to 4TB capacity(3.5 inches)	Micro SD Card	Up to 256GB
Network Interface	RJ45 X1 (10/100 M)	Network interface	RJ45x1 (10/100M)	Wireless antenna	2 Ports(IEEE802.11b/g/n)
Wireless Antenna	2 Ports (IEEE802.11b/g/n)	Wireless antenna	Built-in (IEEE802.11b/g/n)	USB	USB 2.0x1
WiFi	2.4 GHz (Built-in Antenna)	USB	USB 2.0x1	Housing	Plastic
USB	USB 2.0 X1	Housing	Plastic	Operating Power	DC5V
Housing	Metal for Main Part	Operating Power	DC12V	Power Consumption	8W
Operating Power	DC 12 V	Power Consumption	20W (With HDD)	Working Temperature	14 °F ~ 131 °F /-10 °C ~ 55 °C
Power Consumption	6W (Without HDD)	Camera*4		Camera*2	
Camera*4		Video Resolution	3MP (2304 X 1296)	Video Resolution	3MP (2304 X 1296)
Video Resolution	3MP (2304 X 1296)	Image Sensor	1/2.8" Progressive Scan CMOS	Image Sensor	1/2.8" Progressive Scan CMOS
Image Sensor	1/2.8" Progressive Scan CMOS	Audio Compression	Two-way audio intercom	Audio Compression	Two-way audio intercom
Audio Compression	Two-way audio intercom	Video Compression	H.264+	Video Compression	H.264+
Video Compression	H.264+	Lens	3.6 mm	Lens	3.6 mm
Lens	3.6 mm	Angle of View	70°	Angle of View	70°
Angle of View	70°	Number of Infrared LEDs	18	Number of Infrared LEDs	18
Number of Infrared LEDs	18	Night Vision Distance	Up to 100 ft/30 m	Night Vision Distance	Up to 100 ft/30 m
Night Vision Distance	Up to 100 ft/30 m	IR-Cut Filter	Yes	IR-Cut Filter	Yes
IR-Cut Filter	Yes	Ethernet	RJ45 X1 (10 M/100 M)	Ethernet	RJ45 X1 (10 M/100 M)
Ethernet	RJ45 X1 (10 M/100 M)	Wireless	IEEE802.11b/g/n	Wireless	IEEE802.11b/g/n
Wireless	IEEE802.11b/g/n	Housing	Plastic for Main Part	Housing	Plastic for Main Part
Housing	Plastic for Main Part	Operating Power	DC 12 V	Operating Power	DC 12 V
Operating Power	DC 12 V	Operating Temperature	-4 °F ~ 140 °F/-20 °C ~ 60 °C	Operating Temperature	-4 °F ~ 140 °F/-20 °C ~ 60 °C
Operating Temperature	-4 °F ~ 140 °F/-20 °C ~ 60 °C	Weatherproof Rating	IP66	Weatherproof Rating	IP66
Weatherproof Rating	IP66				



ANNKE Model	<b>I71GK</b>
Camera*4	
Video Resolution	3MP (2304 X 1296)
Image Sensor	1/2.8" Progressive Scan CMOS
Audio Compression	Two-way audio intercom
Video Compression	H.264+
Lens	3.6 mm
Angle of View	70°
Number of Infrared LEDs	18
Night Vision Distance	Up to 100 ft/30 m
IR-Cut Filter	Yes
Ethernet	RJ45 X1 (10 M/100 M)
Wireless	IEEE802.11b/g/n
Housing	Plastic for Main Part
Operating Power	DC 12 V
Operating Temperature	-4 °F ~ 140 °F/-20 °C ~ 60 °C
Weatherproof Rating	IP66



ANNKE Model	L5024+M124	L5024+M131
<b>Monitor</b>		
Display screen	7-inch colorful TFT screen	7-inch colorful TFT screen
Display resolution	1024 × 600	1024 × 600
Operation method	Capacitive touch screen	Capacitive touch screen
Audio input	Built-in omnidirectional microphone	Built-in omnidirectional microphone
Audio output	Built-in loudspeaker	Built-in loudspeaker
Audio quality	Noise suppression and echo cancellation	Noise suppression and echo cancellation
Network protocol	TCP/IP, RSTP	TCP/IP, RSTP
Wired network	10/100 Mbps Ethernet	10/100 Mbps Ethernet
Wireless network	Wi-Fi 802.11 b/g/n	Wi-Fi 802.11 b/g/n
RS-485	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive
RS-485	1	1
Alarm input	8-ch alarm inputs	8-ch alarm inputs
Relay output	2	2
TF card	Max to 32 G, SD 2.0 or lower version	Max to 32 G, SD 2.0 or lower version
Power consumption	< 6W	< 6W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Dimension	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")
<b>Camera</b>		
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Video Resolution	2MP HD camera	2MP HD camera
Signal System	PAL/NTSC	PAL/NTSC
Video Compression	H.264	H.264
Stream	Main stream: 1080p@30fps, 720p@25fps Sub stream: D1@25fps	Main stream: 1080p@30fps, 720p@25fps Sub stream: D1@25fps
Video Bitrate	64Kbps	64Kbps
Lens	2.8 mm	2.8 mm
Angle of View	Horizontal: 129° Vertical: 75°	Horizontal: 129° Vertical: 75°
DNR	3D DNR	3D DNR
Wide Dynamic Range	True WDR	True WDR
IR-Cut Filter	Yes	Yes
Audio intercom	Two-way audio communication	Two-way audio communication
Audio input	Built-in omnidirectional microphone	Built-in omnidirectional microphone
Audio output	Built-in loudspeaker	Built-in loudspeaker
Audio quality	Noise suppression and echo cancellation	Noise suppression and echo cancellation
Network protocol	TCP/IP, RSTP	TCP/IP, RSTP
Wired network	10/100 Mbps Ethernet	10/100 Mbps Ethernet
Power supply	IEEE802.3af, standard PoE 12 VDC	IEEE802.3af, standard PoE 12 VDC
RS-485	1	1
Alarm input	4	4
Debugging port	1	1
Physical button	-	1
Grounding	1	1
TAMPER switch	1	1
Indicator	3	3
Power consumption	< 10 W	< 10 W
Working temperature	-,40° C to 53° C(-40° F to 127.4° F)	-,40° C to 53° C(-40° F to 127.4° F)
Protection leve	IP65	IP65,IK08

ANNKE Model	L7114+M132
<b>Monitor</b>	
Display screen	7-inch colorful TFT LCD
Display resolution	800 × 480
Operation method	Physical Button
Audio input	Built-in omnidirectional microphone
Audio output	Built-in loudspeaker
Audio quality	Noise suppression and echo cancellation
<b>Four-wire interface</b>	4 Four-Wire Interfaces,1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding
Power supply	12 VDC
Power consumption	< 5W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F) 195.8 mm × 132.8 mm × 18.39 mm (7.7" × 5.2" × 0.7")
Dimension	
<b>Camera</b>	
Image Sensor	1/4" CMOS
Video Resolution	720x576
Signal System	PAL:25 fps
IR-Cut Filter	Yes
Audio intercom	Two-way audio communication
Audio input	Built-in omnidirectional microphone
Audio output	Built-in loudspeaker
Audio quality	Noise suppression
<b>Four-wire interface</b>	1 Four-Wire Interface (1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding)
I/O output	1 Relay Output
Material	Zinc Alloy
Power consumption	Max. 5W
Working temperature	-,30° C to 70° C(-22° F to 158° F)
Dimension	145mm × 49.2 mm × 26.45 mm

ANNKE Model	L4154+C127
<b>Monitor</b>	
Display size	5" TFT LCD
Screen resolution	1280*720
Storage Video Resolution	1280x720
Support recording mode	Mobile detection side, manual
Support display mode	Single- Dual- Quad mode
Support number of camera	Connect Up to 4 Cameras
Image zoom	×1.5 ×2
Support two-way intercom	Two-way intercom
Interface	USB Type-C
Supports max storage TF car	256GB TF Card
Battery	4000mAh
<b>Battery life</b>	Bright screen work: < 8.0 Screen off work: < 13.0
<b>POWER</b>	DC5V 2A
Power consumption	1.6W-4.2W(Recharge)
<b>Camera</b>	
Image Sensor	1/3"
Effective pixel	1920*1080
Horizontal Viewing Angle	75°(±5°)
Minimum Illumination	>8 (LED OFF) /<3 (LED ON)
IR range	5M
Rotation angel	Pan:355° Tilt:55°
<b>Interface</b>	Set Button USB Type-C
Support two-way intercom	Two-way intercom
Temperature detection range	32-104°F /0-40°C, Temperature accuracy: ±1
<b>POWER</b>	5V 1A
Power consumption	4.1W(max)
RF range	2400-2483.5MHz
Wireless Transmission	1000ft(max)
Operation Temperature	32-104°F /0-40°C
Storage Emperature	14-140°F /-20-60°C
Operation Humidity	15%~85%

ANNKE Model	L4164+C128
<b>Monitor</b>	
Display size	5.5" TFT LCD
Resolution	720*1280
Video input	Support one channel
Audio input	Built-in microphone
Support number of camera	Connect Up to 4 Cameras
Image zoom	×2 ×4
Interface	USB Type-C
Battery	5000mAh
<b>Battery life</b>	Bright screen work: > 10.0 Screen off work: > 20.0
<b>POWER</b>	DC5V 2A
working current	500(max)
<b>Battery life</b>	Bright screen work: < 8.0 Screen off work: < 13.0
<b>POWER</b>	DC5V 2A
Power consumption	1.6W-4.2W(Recharge)
<b>Camera</b>	
Image Sensor	1/2.9"
Effective pixel	1920*1080/15fps
Horizontal Viewing Angle	60°(Horizontal test)
Minimum Illumination	>5(LED OFF) /<2 (LED ON)
IR range	5M
Rotation angel	Pan:340° Tilt:50°
<b>Interface</b>	Set Button USB Type-C
Support two-way intercom	Two-way voice intercom (Half Duplex)
Alarm Mode	Voice detection
Wireless Transmission Way	2.4GHz FHSS
<b>POWER</b>	DC5V 2A
working current	700(max)
Wireless Transmission	1000ft(max)
Operation Temperature	14-122°F /-10-50°C
Storage Emperature	14-140°F /-20-60°C
Operation Humidity	15%~85%

