



IP VIDEO PROJECT PRODUCTS

2020 Ver. 2

Network Cameras / PTZ / NVR / EVS / Thermal / ITC / Transmission / Display & Control / Accessories / Video Management Software / DORI Distance





Special Series Network Camera

This special product series offers a wide-range of cameras, such as pinhole camera, corner camera, anti-oil camera and mobile camera. It provides suitable products for special industries. Pinhole Series camera is applicable in hidden or small scenes such as ATM and advertising screens. Corner Series camera supports perimeter protection, people counting and IK10+50J protection, which is ideal for sensitive scenarios like banks. Anti-oil camera is widely applied in kitchens, oil plants and other heavy oil-related scenes. Mobile camera is suitable for transportation including buses and railways.



Pinhole Camera

- Easy Installation
- Optimized Image
- Highly Flexible and Covert
- Face Detection
- 120dB WDR



Corner Camera

- IK10+50J Protection
- No IR Exposure
- Super Wide Angle
- People Counting
- Queue Management
- Perimeter Protection



Anti-oil Camera

- Starlight
- 120dB WDR
- Perimeter Protection
- SMD
- Smart H265+/H264+



Mobile Camera

- People Counting
- Face Detection
- ANPN
- 120dB WDR
- IP67 & IK10

NETWORK CAMERAS

Special Series

Pinhole Camera

| Model | IPC-HUM8431-E1 | IPC-HUM8431-L1 | IPC-HUM8431-L3 | IPC-HUM8431-L4 | IPC-HUM8431-L5 | IPC-HUM8231-E2 | IPC-HUM8231-E1 |
|---------------------|---|--|--|--|--|---|---|
| Appearance |  |  Starlight |  Starlight |  Starlight |  Starlight |  |  |
| Image Sensor | -- | 1/2.7" 4MP CMOS | 1/2.7" 4MP CMOS | 1/2.7" 4MP CMOS | 1/2.7" 4MP CMOS | -- | -- |
| Lens | -- | 2.8mm/F2.4 | 2.8mm/F1.8 | 2.8mm/F2.4 | 2.8mm/F2.2 | -- | -- |
| FOV-H | -- | H:83.4° | H:109° | H:83° | H:104° | -- | -- |
| Min. Illumination | -- | 0.02Lux/F2.4 (Color,1/3s,30IRE) 0.08Lux/F2.4 (Color,1/30s,30IRE) 0.01Lux/F2.4 (B/W,1/3s,30IRE) 0.04Lux/F2.4 (B/W,1/30s,30IRE) | 0.006Lux/F1.8 (Color,1/3s,30IRE) 0.04Lux/F1.8 (Color,1/30s,30IRE) 0.003Lux/F1.8 (B/W,1/3s,30IRE) 0.02Lux/F1.8 (B/W,1/30s,30IRE) | 0.007Lux/F2.4 (Color,1/3s,30IRE) 0.08Lux/F2.4 (Color,1/30s,30IRE) 0.004Lux/F2.4 (B/W,1/3s,30IRE) 0.04Lux/F2.4 (B/W,1/30s,30IRE) | 0.005Lux/F2.2 (Color,1/3s,30IRE) 0.05Lux/F2.4 (Color,1/30s,30IRE) 0.003Lux/F2.4 (B/W,1/3s,30IRE) 0.03Lux/F2.4 (B/W,1/30s,30IRE) | -- | -- |
| Day/Night | Electronic | -- | -- | -- | -- | Electronic | Electronic |
| WDR | 120dB | -- | -- | -- | -- | 120dB | 120dB |
| Max. IR Distance | -- | -- | -- | -- | -- | -- | -- |
| Video Compression | H.265+/H.265 H.264+/H.264 | -- | -- | -- | -- | H.265/H.264 | H.265+/H.265 H.264+/H.264 |
| Smart Codec | Smart H265+/H264+ | -- | -- | -- | -- | Smart H265+/H264+ | Smart H265+/H264+ |
| Max. Resolution | 4MP (2688×1520) | -- | -- | -- | -- | 1080P (1920×1080) | 1080P (1920×1080) |
| Frame Rate | 30fps@4MP | -- | -- | -- | -- | 2×30fps@1080P | 60fps@1080P |
| Multi-streaming | 3 streams | -- | -- | -- | -- | 2×2 streams | 3 streams |
| Pan/Tilt/Rotation | -- | -- | -- | -- | -- | -- | -- |
| Intelligent Video | Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection | -- | -- | -- | -- | Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection | Tripwire, Intrusion Scene Change Abandoned/Missing Face Detection |
| Compatibility | ONVIF profile S & G, API | -- | -- | -- | -- | ONVIF profile S & G, API | ONVIF profile S & G, API |
| Audio In/Out | 1/1 | -- | -- | -- | -- | 1/1 | 1/1 |
| Memory Slot | Micro SD, Max. 128GB | -- | -- | -- | -- | Micro SD, Max. 128GB | Micro SD, Max. 128GB |
| Alarm In/Out | 2/2 | -- | -- | -- | -- | 2/2 | 2/2 |
| Ingress Protection | -- | -- | -- | -- | -- | -- | -- |
| Working Temperature | -30°C~+60°C (-22°F~+140°F) | -- | -- | -- | -- | -30°C~+60°C (-22°F~+140°F) | -30°C~+60°C (-22°F~+140°F) |
| Power | DC12V, PoE (802.3af) (Class 0),Max. 6W | -- | -- | -- | -- | DC12V, PoE (802.3af) (Class 0), Max.7W | DC12V, PoE (802.3af) (Class 0), Max. 6W |






Special Series

| | Pinhole Camera | | | | | Corner Camera | Anti-oil Camera |
|---------------------|--|---|--|---|---|--|---|
| Model | IPC-HUM8231-L1 | IPC-HUM8231-L3 | IPC-HUM8231-L4 | IPC-HUM8231-L5 | IPC-HUM4231-S2 | IPC-HCBW8442 | IPC-HFW3441M-AS-SFC-I2 |
| Appearance |  |  |  |  |  |  Wiz Mind Starlight+ |  Wiz Mind Starlight |
| Image Sensor | 1/2.8" 2MP STARVIS™ CMOS | 1/2.8" 2MP STARVIS™ CMOS | 1/2.8" 2MP STARVIS™ CMOS | 1/2.8" 2MP STARVIS™ CMOS | 1/2.8" 2MP STARVIS™ CMOS | 1/1.8" 4MP CMOS | 1/3" 4Mp CMOS |
| Lens | 2.8mm/F2.4 | 2.8mm/F1.8 | 2.8mm/F2.4 | 2.8mm/F2.1 | 2.8mm/F2.0 | 2.5mm/F2.0 | 3.6mm fixed lens (6mm/8mm optional) |
| FOV-H | H:104° | H:112° | H:103° | H:111° | H:108° | H:135° | 84°(3.6mm); 52°(6mm) 40°(8mm) |
| Min. Illumination | 0.02Lux/F2.4 (Color,1/3s,30IRE) 0.08Lux/F2.4 (Color,1/30s,30IRE) 0.01Lux/F2.4 (B/W,1/3s,30IRE) 0.04Lux/F2.4 (B/W,1/30s,30IRE) | 0.02Lux/F1.8 (Color,1/3s,30IRE) 0.1Lux/F1.8 (Color,1/30s,30IRE) 0.01Lux/F1.8 (B/W,1/3s,30IRE) 0.05Lux/F1.8 (B/W,1/30s,30IRE) | 0.02Lux/F2.4 (Color,1/3s,30IRE) 0.08Lux/F2.4 (Color,1/30s,30IRE) 0.01Lux/F2.4 (B/W,1/3s,30IRE) 0.04Lux/F2.4 (B/W,1/30s,30IRE) | 0.02Lux/F2.1 (Color,1/3s,30IRE) 0.1Lux/F2.1 (Color,1/30s,30IRE) 0.01Lux/F2.1 (B/W,1/3s,30IRE) 0.05Lux/F2.1 (B/W,1/30s,30IRE) | 0.005 Lux@F2.0 | 0.004 Lux@F2.0 (Color, 1/3 s, 30 IRE) | 0.005 Lux@F1.6 |
| Day/Night | -- | -- | -- | -- | Electronic | Electronic | ICR |
| WDR | -- | -- | -- | -- | 120dB | 140dB | 120dB |
| Max. IR Distance | -- | -- | -- | -- | -- | 10m (32.8ft) | 50m (164.0ft) |
| Video Compression | -- | -- | -- | -- | H.265/H.264/H.264B/H.264H/MJPEG | H.265; H.264; H.264H; H.264B; MJPEG support smart codec | H.265; H.264; H.264H; H.264B; MJPEG support smart codec |
| Smart Codec | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ |
| Max. Resolution | -- | -- | -- | -- | 1080P (1920x1080) | 4MP (2688x1520) | 4M (2688x1520) |
| Frame Rate | -- | -- | -- | -- | 30fps@1080P | 25/30 fps@4MP | 25/30 fps@4MP |
| Multi-streaming | -- | -- | -- | -- | 2 streams | 3 streams | 3 streams |
| Pan/Tilt/Rotation | -- | -- | -- | -- | -- | Vertical: -10°~+10° Rotation: 0°~355° | -- |
| Intelligent Video | -- | -- | -- | -- | Tripwire, Intrusion Scene Change Abandoned/Missing | Perimeter Protection People Counting Heat Map | Perimeter Protection SMD |
| Compatibility | -- | -- | -- | -- | ONVIF (Profile S); CGI; Milestone; Genetec; Dahua Cloud | ONVIF (Profile S/Profile G),CGI,Milstone, Genetec, P2P | ONVIF profile S&G,CGI, P2P,Milestone,Genetec |
| Audio In/Out | -- | -- | -- | -- | 1/1 | 1/1; Built-in MIC | 1/1 |
| Memory Slot | -- | -- | -- | -- | -- | Micro SD, Max. 256GB | Micro SD, Max. 256GB |
| Alarm In/Out | -- | -- | -- | -- | -- | 1 channel in: 5mA 3V~5V DC 1 channel out: 300mA 12V DC | 2 channel In: 5mA 5VDC 2 channel Out: 300mA 12VDC |
| Ingress Protection | -- | -- | -- | -- | -- | IP67; IK10+50J | IP67 |
| Working Temperature | -- | -- | -- | -- | -40°C ~ +60°C (-40°F ~ +140°F) | -30°C ~ +60°C (-22°F ~ +140°F) | -40°C ~ +60°C (-40°F ~ +140°F) |
| Power | -- | -- | -- | -- | DC12V, Max. 1.4W | DC12V, Max. 11.5W | 12V DC/POE, Max.11.6W |

NETWORK CAMERAS






Special Series

Mobile Camera

| Model | IPC-HDBW5241F-M/M12-SA | IPC-HDBW3241F-FD-M/M12 | IPC-HDBW4431F-M/M12 | IPC-HDBW4231F-M/M12 | IPC-HDBW3231F-M/M12 |
|---------------------|---|--|---|---|--|
| Appearance |  DHOP Starlight+ |  Starlight+ |  |  Starlight |  Starlight+ |
| Image Sensor | 1/2.8 2MP progressive scan CMOS | 1/2.8 2MP progressive scan CMOS | 1/3" 4MP CMOS | 1/2.8" 2MP CMOS | 1/2.8" 2MP progressive scan CMOS |
| Lens | 2.8mm (3.6mm;6mm;8mm) | 2.8mm (3.6mm;6mm; 8mm;12mm) | 2.8mm/F2.0,3.6mm/F2.0, 6mm/F2.0 optional | 2.8mm/F2.0,3.6mm/F2.0, 6mm/F2.0 optional | 2.8mm (3.6mm, 6mm optional) |
| FOV-H | 2.8 mm: Horizontal 106° × Vertical 56° × Diagonal 126° 3.6 mm: Horizontal 87° × Vertical 46° × Diagonal 104° 6 mm: Horizontal 54° × Vertical 29° × Diagonal 63° 8 mm: Horizontal 40° × Vertical 22° × Diagonal 47° | H: 110° (89.5°)(52.8°)(39.7°)(25.7°) V: 60° (50°)(30°)(22°)(14.4°) | 104°/87°/55° | 110°/87°/51°H:111° | H: 110° (89.5°, 52.8°) , V: 58° (50°, 30°) |
| Min. Illumination | 0.002 Lux @ F1.6 | 0.003Lux/F2.0 (Color,1/3s,30IRE) 0.02Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on) | 0.08Lux/F2.0 (Color,1/3s,30IRE) 0.3Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on) | 0.009Lux/F2.0 (Color,1/3s,30IRE) 0.07Lux/F2.0 (Color,1/30s,30IRE) 0Lux/F2.0 (IR on) | 0.001Lux/F2.1 (Color,1/3s,30IRE) 0.03Lux/F2.1 (Color,1/30s,30IRE) 0Lux/F2.1 (IR on) |
| Day/Night | Auto (ICR)/Color/B/W | Auto (ICR) / Color / B/W | ICR | ICR | Auto(ICR) / Color / B/W |
| WDR | 120 dB | 120dB | 120dB | 120dB | 120dB |
| Max. IR Distance | 30 m | Distance up to 50m (164ft) | 20m | 20m | up to 23m(75.5ft) |
| Video Compression | H.265/H.264H/H.264/H.264B/MJPEG (Sub Stream) | H.265/H.264H/H.264/H.264B/MJPEG (Sub Stream) | H.265+/H.265/H.264+/H.264 | H.265+/H.265/H.264+/H.264 | H.265/H.264H/MJPEG (Sub Stream) |
| Smart Codec | 1080P(1920×1080) | 1080P(1920×1080) | 4M (2688×1520) | 1080P (1920×1080) | 1920 (H)×1080 (V) |
| Max. Resolution | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ |
| Frame Rate | Main Stream: 1080P (1~25/30fps) Sub Stream: D1 (1 ~ 25/30fps) Sub Stream 2: 1080P (1~25/30fps) | Main Stream: 1080P (1~25/30fps) Sub Stream: D1 (1 ~ 25/30fps) Sub Stream 2: 1080P (1~25/30fps) | 30fps@4M | 60fps@1080P | Main Stream: 1080P (1~25/30fps) Sub Stream: D1 (1 ~ 25/30fps) |
| Multi-streaming | 3 Streams | 3 Streams | 3 Streams | 3 Streams | 2 Streams |
| Pan/Tilt/Rotation | Pan:-30°~30°; Tilt:0°~80°; Rotation:0°~360° | Pan:-30°~30°; Tilt:0°~80°; Rotation:0°~360° | Pan: 0°~60°; Tilt:0°~80°; Rotation: 0°~360°" | Pan: 0°~60°; Tilt: 0°~80°;Rotation: 0°~360° | Pan:-30°~30°; Tilt:0°~80°; Rotation:0°~360° |
| Intelligent Video | Tripwire; intrusion;Face Detection; People Counting | Support face image capture Support 4 kinds of face attributes extraction: Age, Gender, Expression(Jolly, Calm, Surprise, Sad, Rage),Glasses | Tripwire, Intrusion, Scene Change, Abandoned/Missing, Face Detection | Tripwire, Intrusion, Scene Change, Abandoned/Missing, Face Detection | Tripwire, Intrusion, Object Abandoned/Missing |
| Compatibility | ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P | ONVIF; CGI; Milstone; Genetec | ONVIF(2.4), PSIA, CGI | ONVIF(2.4), PSIA, CGI | ONVIF Profile S & G, API |
| Audio In/Out | Built-in MIC | Built-in Mic | Built-in Mic | Built-in Mic | Built-in Mic |
| Memory Slot | Micro SD Card (support max. 256 G) | Micro SD, Max. 128GB | Micro SD, Max. 128GB | Micro SD, Max. 128GB | Mirco SD card 128GB |
| Alarm In/Out | -- | N/A | -- | -- | N/A |
| Ingress Protection | IP67; IK10 | IP67, IK10 | IP67, IK10 | IP67, IK10 | IP67, IK10 |
| Working Temperature | -40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH | -40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH | -30°C~+60°C (-22°F~+140°F) | -30°C~+60°C (-22°F~+140°F) | -30°C~+60°C (-22°F~+140°F) |
| Power | DC12V, PoE (IEEE 802.3af) | DC12V, PoE (IEEE 802.3af) (Class 0) | DC12V, PoE (802.3af), Max. 5W | DC12V, PoE (802.3af), Max. 5W | DC12V, PoE (IEEE 802.3af) (Class 0); DC 12V: 2.6W 3.7W (IR on) PoE: 3.5W 5W (IR on) |

Special Series

Mobile Camera

| Model | IPC-HDBW3541F-AS-M | IPC-HDBW3441F-AS-M | IPC-HDBW3241F-AS-M | IPC-MBW4431-AS/M12 | IPC-MBW4231-AS/M12 |
|---------------------|---|--|--|---|---|
| Appearance |  Starlight |  Starlight |  Starlight+ |  |  Starlight |
| Image Sensor | 1/2.7" 5Megapixel progressive CMOS | 1/2.7" 4Megapixel progressive CMOS | 1/2.8" 2Megapixel progressive CMOS | 1/3" 4MP Exmor CMOS | 1/2.8" 2MP CMOS |
| Lens | 2.8 mm; 3.6 mm; 6 mm | 2.8 mm; 3.6 mm; 6 mm | 2.8 mm; 3.6 mm; 6 mm | 2.8mm/F2.0, 3.6mm/F2.0, 6mm/F2.0 optional | 2.8mm/F2.0, 3.6mm/F2.0, 6mm/F2.0 optional |
| FOV-H | 2.8 mm: Horizontal: 98°; vertical: 72°; diagonal: 130° 3.6 mm: Horizontal: 80°; vertical: 59°; diagonal: 106° 6 mm: Horizontal: 50°; vertical: 36°; diagonal: 64° | 2.8 mm: Horizontal: 103°; vertical: 55°; diagonal: 122° 3.6 mm: Horizontal: 84°; vertical: 45°; diagonal: 100° 6 mm: Horizontal: 52°; vertical: 28°; diagonal: 61° | 2.8 mm: Horizontal: 106°; vertical: 57°; diagonal: 126° 3.6 mm: Horizontal: 87°; vertical: 46°; diagonal: 104° 6 mm: Horizontal: 54°; vertical: 29°; diagonal: 63° | 104°/87°/55° | 110°/87°/51° |
| Min. Illumination | 0.005 Lux@F1.6 | 0.005 Lux@F1.6 | 0.002 Lux@F1.6 | 0.08Lux/F2.0 (Color, 1/3s, 30IRE) 0.3Lux/F2.0 (Color, 1/30s, 30IRE) 0Lux/F2.0 (IR on) | 0.009Lux/F2.0 (Color, 1/3s, 30IRE) 0.07Lux/F2.0 (Color, 1/30s, 30IRE) 0Lux/F2.0 (IR on) |
| Day/Night | Auto (ICR)/Color/B/W | Auto (ICR)/Color/B/W | Auto (ICR)/Color/B/W | ICR | ICR |
| WDR | 120 dB | 120 dB | 120 dB | 120dB | 120dB |
| Max. IR Distance | 50m (164.0ft) | 50m (164.0ft) | 50m (164.0ft) | 30m | 30m |
| Video Compression | H.265; H.264; H.264H; H.264B; MJPEG | H.265; H.264; H.264H; H.264B; MJPEG | H.265; H.264; H.264H; H.264B; MJPEG | H.265+/H.265/H.264+/H.264 | H.265+/H.265/H.264+/H.264 |
| Smart Codec | 5M (2592×1944); 4M (2688×1520); 3M (2304×1296); 1080p (1920×1080); 1.3M (1280×960); 720p (1280×720); D1 (704×576/704×480); VGA (640×480); CIF (352×288/352×240) | 4M (2688×1520); 3M (2304×1296); 1080p (1920×1080); 1.3M (1280×960); 720p (1280×720); D1 (704×576/704×480); VGA (640×480); CIF (352×288/352×240) | 1080p (1920×1080); 1.3M (1280×960); 720p (1280×720); D1 (704×576/704×480); VGA (640×480); CIF (352×288/352×240) | 4M (2688×1520) | 1080P (1920×1080) |
| Max. Resolution | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ |
| Frame Rate | Main stream (2592×1944@1-20 fps) (2688×1520@1-25/30 fps) sub stream (704×576@1-25/30 fps) third stream (1280×720@1-25/30 fps) | Main stream (2688×1520@1-25/30 fps) sub stream (704×576@1-25/30 fps) third stream (1280×720@1-25/30 fps) | Main stream (1920×1080@1-25/30 fps) sub stream (704×576@1-25/30 fps) third stream (1280×720@1-25/30 fps) | 30fps@4M | 60fps@1080P |
| Multi-streaming | 3 streams | 3 streams | 3 streams | 3 Streams | 3 Streams |
| Pan/Tilt/Rotation | Horizontal: -30°~30°; vertical: 0°~80°; rotation: 0°~360° | Horizontal: 30°~30°; vertical: 0°~80°; rotation: 0°~360° | Horizontal: -30°~30°; vertical: 0°~80°; rotation: 0°~360° | Pan: 0°~20°; Tilt: -15°~15° Rotation: 0°~360° | Pan: 0°~20°; Tilt: -15°~15° Rotation: 0°~360° |
| Intelligent Video | Tripwire; intrusion (Recognition of human and vehicle) | Tripwire; intrusion (Recognition of human and vehicle) | Tripwire; intrusion (Recognition of human and vehicle) | Tripwire; intrusion, Scene Change, Abandoned/Missing, Face Detection | Tripwire; intrusion, Scene Change, Abandoned/Missing, Face Detection |
| Compatibility | ONVIF (Profile S/Profile G); CGI; P2P; Milestone; Genetec | ONVIF (Profile S/Profile G); CGI; P2P; Milestone; Genetec | ONVIF (Profile S/Profile G); CGI; P2P; Milestone; Genetec | ONVIF (2.4), PSIA, CGI | ONVIF (2.4), PSIA, CGI |
| Audio In/Out | Built-in MIC | Built-in MIC | Built-in MIC | 1/1 channel In/Out (-AS) | 1/1 channel In/Out (-AS) |
| Memory Slot | Micro SD Card (support max. 256 G) | Micro SD Card (support max. 256 G) | Micro SD Card (support max. 256 G) | Micro SD, Max. 128GB | Micro SD, Max. 128GB |
| Alarm In/Out | -- | -- | -- | 1/1 channel In/Out (-AS) | 1/1 channel In/Out (-AS) |
| Ingress Protection | IP67; IK10 | IP67; IK10 | IP67; IK10 | IP67, IP6K9K, IK10 | IP67, IP6K9K, IK10 |
| Working Temperature | -40°C to +60°C (-40°F to +140°F)/ less than 95% | -40°C to +60°C (-40°F to +140°F)/ less than 95% | -40°C to +60°C (-40°F to +140°F)/ less than 95% | -40°C~+70°C (-40°F~+158°F) | -40°C~+70°C (-40°F~+158°F) |
| Power | 12V DC/PoE (802.3af), <5.7W | 12V DC/PoE (802.3af), <5.7W | 12V DC/PoE (802.3af), <5.7W | DC12V(-AS), PoE (802.3af), Max. 6.5W | DC12V(-AS), PoE (802.3af), Max. 6.5W |

NETWORK CAMERAS

Special Series

Mobile Camera

| Model | IPC-MW1230D-HM12/VM12 | IPC-MDW4330-M12 | IPC-HDBW4231F-E2-M/M12 | IPC-EB5531-M/M12 |
|---------------------|--|---|---|--|
| Appearance |  |  |   |  |
| Image Sensor | 1/2.7" 2MP progressive scan CMOS | 1/3" 3MP CMOS | Two 1/2.8" 2MP STARVISTM CMOS | 1/2.7" 5MP CMOS |
| Lens | 2.8mm fixed lens (3.6mm, 6mm optional) | 2.1mm fixed lens (2.8mm optional) | 2.8mm fixed lens (3.6mm optional) | 1.4mm fixed lens |
| FOV-H | H: 115° (86°, 53°), V: 62° (47°, 30°) | 121°/86°/ 64° | 110° /86° | H: 180°, V: 180° |
| Min. Illumination | 0.02Lux/F2.1 (Color, 1/3s, 30IRE) 0.2Lux/2.1 (Color, 1/30s, 30IRE) 0Lux/F2.1 (IR on) | 2.1mm: 0.06Lux/F2.2 (Color, 1/3s, 30IRE) 0.35Lux/2.2 (Color, 1/25s, 30IRE); 0Lux/F2.2 (IR on) 2.8mm, 3.6mm: 0.04Lux/F2.0 (Color, 1/3s, 30IRE) 0.25Lux/2.0 (Color, 1/25s, 30IRE) 0Lux/F2.0 (IR on) | 0.009Lux/F2.0 (Color, 1/3s, 30IRE) 0.07Lux/2.0 (Color, 1/30s, 30IRE) 0Lux/F2.0 (IR on) | 0.02Lux/F1.6 (Color, 1/3s, 30IRE) 0.2Lux/1.6 (Color, 1/30s, 30IRE) 0.05Lux/F1.6 (B/W, 1/3s, 30IRE) 0.5Lux/1.6 (B/W, 1/30s, 30IRE) |
| Day/Night | Auto (ICR)/Color/B/W | Auto (ICR)/Color/B/W | Auto(ICR) / Color / B/W | Electronic |
| WDR | DWDR | DWDR | 120dB, only fot CH1 | 120dB |
| Max. IR Distance | Distance up to 30m (98ft) | 20m | 20m | N/A |
| Video Compression | H.265+/H.265/H.264+/H.264 | H.265/H.264H/MJPEG (Sub Stream) | H.265/H.264H/MJPEG (Sub Stream) | H.265+/H.265/H.264+/H.264 |
| Smart Codec | 1080P (1920×1080) | 3MP (2048×1536) | 2MP (1920×1080) | 5M (2592×1944) |
| Max. Resolution | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ | Smart H265+/H264+ |
| Frame Rate | Main Stream: 1080P (1~25/30fps) Sub Stream: D1 (1~25/30fps) | 3M (1~25fps) | 1080P (1~25/30fps) | Main Stream: 5M (1~25fps) Sub Stream: D1 (1~25/30fps) |
| Multi-streaming | 2 Streams | 3 Streams | 2 streams | 3 streams |
| Pan/Tilt/Rotation | N/A | Pan: 0°~360°; Tilt: ±40° Rotation: 0°~360° | Pan:±90°; Tilt:0°~65° Rotation:0°~360° | Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~360° |
| Intelligent Video | -- | Tripwire, Intrusion, Object Abandoned/ Missing, Face Detection | Tripwire, Intrusion, Object Abandoned/ Missing, Face Detection | Tripwire, Intrusion, Object Abandoned/ Missing, Face Detection |
| Compatibility | ONVIF profile S, CGI | ONVIF Profile S & G, API | ONVIF Profile S&G, API | ONVIF Profile S&G, API |
| Audio In/Out | N/A | 1 Built-in Mic | Built-in Mic | Built-in Mic |
| Memory Slot | | Mirco SD card 128GB | Mirco SD card 128GB | Mirco SD card 128GB |
| Alarm In/Out | N/A | | N/A | N/A |
| Ingress Protection | IP67, IP6K9K | N/A | IP67, IK10 | IP67, IK08 |
| Working Temperature | -30° C ~ +60° C (-22° F ~ +140° F)/Less than 95% RH | -30°C~+60°C | -30°C~+60°C | -30°C~+60°C |
| Power | DC12V, <3.7W | DC 12V (M12 Connector) | M Model: DC12V, PoE (802.3af) (Class 0) M12 Model: PoE (802.3af) (Class 0) | M Model: DC12V+PoE M12 Model: PoE |

ENABLING A SAFER SOCIETY AND SMARTER LIVING

Dahua USA

Tel: +1 (949) 679-7777
Email: sales.usa@dahuatech.com
support.usa@dahuatech.com

Dahua Mexico

Tel: +52 55 67231936
Email: sales.mx@dahuatech.com
support.mx@dahuatech.com

Dahua Colombia

Tel: +571 7446110
Email: sales.co@dahuatech.com
support.co@dahuatech.com

Dahua Brazil

Tel: +55 11 32511871
Vendas: comercial.br@dahuatech.com
Suporte Técnico: suporte.br@dahuatech.com

Dahua Perú

Tel: +511 500-8555
Email: sales.pe@dahuatech.com
support.pe@dahuatech.com

Dahua Chile

Tel: +56 232705421
Email: sales.cl@dahuatech.com
support.chile@dahuatech.com

Dahua Argentina

Email: project.ar@dahuatech.com

Dahua Panama

Email: sales.pa@dahuatech.com
Support: support.pa@dahuatech.com

Dahua Thailand

Tel: +66 2541 5188
Email: info.th@dahuatech.com
hr.th@dahuatech.com

Dahua Singapore

Tel: +65 65380952
Email: sales.sg@dahuatech.com

Dahua Turkey

Email: sales.tr@dahuatech.com
support.tr@dahuatech.com

Dahua Malaysia

Tel: +60376620731
Email: sales.my@dahuatech.com

Dahua Indonesia

Tel: +62 811 867 7728
Email: sales.indo@dahuatech.com

Dahua S.Korea

Tel: +82 7081618889
Email: sales.kr@dahuatech.com
support.kr@dahuatech.com

Dahua India

Tel: +91 1244569100
Email: sales.india@dahuatech.com

Dahua Russia

Tel: 8 (499) 682-60-00
Email: info@dahuatech.com

Dahua Kazakhstan

Tel: +7 727 3110838
Email: sales.kz@dahuatech.com

Dahua VISION LLC

Tel: +998 (78) 1488666
E-mail: dh_uzbekistan@dahuatech.com

Dahua UK

Tel: +44(0)1628 613 500
Email: sales.uk@dahuatech.com

Dahua the Netherlands

Tel: +31 (0) 79 799 96 96
Email: sales.benelux@dahuatech.com

Dahua Iberia

Tel: +34 917649862
Email: sales.iberia@dahuatech.com

Dahua Italy

Tel: +39 362182681
Email: sales.italy@dahuatech.com

Dahua Germany

Tel: +49 211 20544121
Email: sales.de@dahuatech.com

Dahua France

+33 1 48 53 70 53
Email: sales.france@dahuatech.com

Dahua CEE & Nordic

Tel: +48 223957400
Email: dh.cen@dahuatech.com

Dahua Poland

Tel: +48 223957400
Email: biuro.pl@dahuatech.com

Dahua SRB

+38 1 (11) 4429999
Email: dh.srb@dahuatech.com

Dahua Denmark

Email: Nordic.ne@dahuatech.com

Dahua Hungary

Tel: +36 17899852
Email: sales.hu@dahuatech.com

Dahua Bulgaria

Tel: +35929950013
Email: support.bg@dahuatech.com

Dahua SRL

Email: marketing.ro@dahuatech.com

Dahua Czech

Tel: +420 225 986 001
Email: admin.cz@dahuatech.com

Dahua S. Africa

Email: sales.za@dahuatech.com

Dahua Australia

Tel: +61 299285200
Email: sales.oc@dahuatech.com

Dahua Middle East

Tel: +971 48815300
Email: sales.me@dahuatech.com
info.me@dahuatech.com

* Design and specifications are subject to change without notice.

Ver. 2, Jul. 2020

DAHUA TECHNOLOGY

No.1199 Bin'an Road, Binjiang District, Hangzhou, China. 310053
Tel: +86-571-87688883 Fax: +86-571-87688815
Email: overseas@dahuatech.com
www.dahuasecurity.com

