

4K WDR Ultra-HD Vari-focal Bullet Network Camera

IPC268ER9-DZ



Key Features

Optics

- Day/night functionality
- Smart IR, up to up to 100m (328 ft) IR distance
- Up to 120 dB Optical WDR(Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)
- Optical glass window with higher light transmittance

Compression

- Ultra 265,H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode
- Customized OSD

Network

ONVIF Conformance

Structure

- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of ±25%

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IP67

Specifications

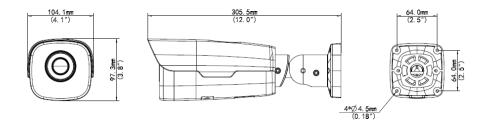
| Cumor 17.5°, progressive scan, 8.0 megapixel, CMOS Lens 2.8°12mm@F1.6, P. Irb, AF automatic focusing and motorized zoom lens Angle of View (H) 79.6° (view) - 3.9° (rela) Shutter Anto /Manual, 1/6°1/1000008 Minimum illumination (Dux With IR) Colour- 0.02 Lux (F1.6, AGC ON) Day/Night Re-cut filter with auto switch (ICR) Digital noise reduction 20/30 DMR S/N 55.56B Range Smarcill, up to 100m (328t) IR range Defog Digital Defog WDR 1 20d8 WDR 2 30d SCream: 2MP (1920-1089); Max. 30 fps; 2MP (1920-1089); Max. 30 f | | IPC268ER9-DZ | | | |
|--|----------------------------|--|--|--|--|
| Lens 2.8°12mm@F1.6, P-iris, AF automatic focusing and motorized zoom iens Angle of View (H) 70.6° (wider) *3.4° (tele) Shutter Auto/Manual, 1/6°-1/100000- Minimum Illumination Color: 0.02 Lux (F1.6, AGC ON) our with IR Day/Night Ill Scull filter with auto switch (ICR) Digital noise reduction 20/3D DNR SN 255 638 IR Range Smart-IR, up to 100m (328ft) IR range Defog Digital Defog Wideo Winter (Manual Park) Video Winter (Manual Park) Video Winter (Manual Park) Video Compression Ultra 265,H.265, H.264, MIPEG Frame Rate Main Stream: 8MP(380x2160): Mxx. 30 fps; 2MP (1920×1080): Mxx. 30 fps; 3MP (| Camera | | | | |
| Lens 2.8°12mm@F1.6, P-iris, AF automatic focusing and motorized zoom iens Angle of View (H) 70.6° (wider) *3.4° (tele) Shutter Auto/Manual, 1/6°-1/100000- Minimum Illumination Color: 0.02 Lux (F1.6, AGC ON) our with IR Day/Night Ill Scull filter with auto switch (ICR) Digital noise reduction 20/3D DNR SN 255 638 IR Range Smart-IR, up to 100m (328ft) IR range Defog Digital Defog Wideo Winter (Manual Park) Video Winter (Manual Park) Video Winter (Manual Park) Video Compression Ultra 265,H.265, H.264, MIPEG Frame Rate Main Stream: 8MP(380x2160): Mxx. 30 fps; 2MP (1920×1080): Mxx. 30 fps; 3MP (| Sensor | 1/2.5", progressive scan, 8.0 megapixel, CMOS | | | |
| Angle of View (H) 79.6" (wide)" 34.9" (tele) Shuter Auto/Manual, 1/6"-1/1000006 Minimum Illumination Colours, 0.02 Law, 116, AGC ON) Day/Night IR-cut filter with auto switch (ICR) Digital noise reduction 20/3D DNR S/N >55.5d8 Temperature (ICR) Brange Smart-IR, up to 100m (328ft) IR range Defog Digital Defog Temperature (ICR) WDR 120dB Temperature (ICR) Video Video Video Video Unit of Stream: 8MP(3840×2160): Max. 30 fps; 2MP (1920×1080): Max. 30 fps; 3MP (1920×1080): Max. 30 | Lens | | | | |
| Colour: 0.02 Lux (F1.6, AGC ON) O Lux with IR | Angle of View (H) | | | | |
| Colour: 0.02 Lux (F1.6, AGC ON) O Lux with IR | | | | | |
| Digital noise reduction ZO/3D DNR 5/N >SS56B IR Range Smart-IR, up to 100m (328ft) IR range Defog Digital Defog WDR 2D Signal Defog Video Video Compression Ultra 265,H.265, H.264, MIPEG Main Stream: 8MP(3840x-2160): Max. 30 fps; 2MP (1920x1080): Max. 30 fps; 5MP (1920x1080): Max. 30 | Minimum Illumination | Colour: 0.02 Lux (F1.6, AGC ON) | | | |
| S/N >55dB IR Range Smart-IR, up to 100m (328ft) IR range Defog Digital Defog WDR 1 208B Video Compression Ultra 265,H.265, H.264, MJPEG Frame Rate Main Stream: SMP(3840×2160): Max. 30 fps; 2MP (1920×1080): Max. 30 fps; 5MP (1920×1080): Max. 30 fps; 7 Third Stream: D1/(20×576): Max. 30 fps; 2MP (1920×1080): Max. 30 fps; 7 Third Stream: D1/(20×576): Max. 30 fps; 7 Third Stream: D1/(20 | Day/Night | IR-cut filter with auto switch (ICR) | | | |
| IR Range Smart-IR, up to 100m (328ft) IR range Defog Digital Defog WDR 120dB Video Video Oompression Ultra 265,H.265, H.264, MJPEG Frame Rate Main Stream: 8MP(3840×2160): Max. 30 fps; 2MP (1920×1080): Max. 30 fps; 5third Stream: 2MP (1920×1080): Max. 30 fps; 7third Stream: 2MP (1920×1080): Max. 30 fps; 7third Stream: 2MP (1920×576): Max. 30 fps; 7third Stream: 2MP (1920×576): Max. 30 fps; 7third Stream: 2MP (1920×1080): Max. | Digital noise reduction | 2D/3D DNR | | | |
| Defog Digital Defog WDR 120dB Video Video Compression Ultra 265,H.265, H.264, MJPEG Frame Rate Main Stream: SMP(3840×2160): Max. 30 fps; SMP (1920×1080): Max. 30 fps; SMP (1920×1080): Max. 30 fps; Third Stream: DI (720×576): Max. | S/N | >55dB | | | |
| WDR 120dB Video Video Compression Ultra 265,H.265, H.264, MJPEG Frame Rate Main Stream: 8MP(3840×2160): Max. 30 fps; 2MP (1920×1080): Max. 30 fps; 7 mind Stream: 2MP (1920×1080): Max. 30 fps; 2MP (1920×1 | IR Range | Smart-IR ,up to 100m (328ft) IR range | | | |
| Video Video Compression Ultra 265,H.264, MJPEG Frame Rate Main Stream: 8MP(3840×2160) : Max. 30 fps; 2MP (1920×1080): Max. 30 fps; 5MP (1920×1080): Max. 30 fps; 7Mrid Stream: 2MP (1920×1080): Max. 30 fps; 7Mrid Stream: 2MP (1920×1080): Max. 30 fps; 7Mrid Stream: 2MP (1920×108): Max. 30 fps; 7Mrid Stream: 2MP (1920×1080): Max. 30 fps; | Defog | Digital Defog | | | |
| Video Compression Ultra 265,H.265, H.264, MJPEG Frame Rate Main Stream: 8MP(3840×2160): Max. 30 fps; ZMP (1920×1080): Max. 30 fps; Sub Stream: 2MP (1920×1080): Max. 30 fps; Third Stream: D1/720×576): Max. 30 fps 9:16 Corridor Mode Supported HLC Supported BLC Supported OSD Up to 8 OSDs Privacy Mask Up to 8 oreas ROI Up to 8 areas Motion Detection Up to 4 areas Smart Behavior Detection Intrusion, cross line, motion detection Exception Detection Audio detection Intelligent Identification Face detection, Defocus, Scene Change Statistical Analysis People counting General Function Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication Audio Compression G.711 Two-way audio Supported Suppression Supported Suppression Supported Suppression Supported Storage Micro SD, Up to 128 GB | WDR | 120dB | | | |
| Frame Rate Sub Stream: 2MP (1920×1080): Max. 30 fps; 3MP (3020×1080): Max. 30 fps; 3MP (3020×108 | Video | | | | |
| Frame Rate Sub Stream: 2MP (1920×1080): Max. 30 fps; Third Stream:D1(720×576) : Max. 30 fps 9:16 Corridor Mode Supported HLC Supported BLC Supported OSD Up to 8 OSDs Privacy Mask Up to 8 areas ROI Up to 8 areas ROI Up to 8 areas Motion Detection Up to 4 areas Smart Exception Detection Audio detection Intrusion, cross line, motion detection Exception Detection Face detection, Defocus, Scene Change Statistical Analysis People counting General Function Authentication, User Authentication Audio Compression Supported | Video Compression | Ultra 265,H.265, H.264, MJPEG | | | |
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| Motion Detection We to 4 areas Smart Behavior Detection Intrusion, cross line, motion detection Exception Detection Intelligent Identification Intelligent Identification Face detection, Defocus, Scene Change Statistical Analysis People counting Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication Audio Audio Compression G.711 Two-way audio Supported Suppression Supported Sampling Rate 8 KHZ Storage Micro SD, Up to 128 GB | Privacy Mask | Up to 8 areas | | | |
| Smart Behavior Detection Intrusion, cross line, motion detection Exception Detection Audio detection Intelligent Identification Face detection, Defocus, Scene Change Statistical Analysis People counting General Function Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication Audio Audio Compression G.711 Two-way audio Supported Suppression Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | ROI | Up to 8 areas | | | |
| Behavior Detection Intrusion, cross line, motion detection Exception Detection Audio detection Intelligent Identification Face detection, Defocus, Scene Change Statistical Analysis People counting General Function Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication Audio Audio Compression G.711 Two-way audio Supported Supported Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | Motion Detection | Up to 4 areas | | | |
| Exception Detection Audio detection Intelligent Identification Face detection, Defocus, Scene Change Statistical Analysis People counting General Function Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication Audio Audio Compression G.711 Two-way audio Supported Suppression Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | Smart | | | | |
| Intelligent Identification Face detection, Defocus, Scene Change Statistical Analysis People counting General Function Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication Audio Audio Compression G.711 Two-way audio Supported Suppression Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | Behavior Detection | Intrusion, cross line, motion detection | | | |
| Statistical AnalysisPeople countingGeneral FunctionWatermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User AuthenticationAudioAudio CompressionG.711Two-way audioSupportedSuppressionSupportedSampling Rate8 KHZStorageEdge StorageMicro SD, Up to 128 GB | Exception Detection | Audio detection | | | |
| General Function Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication Audio Audio Compression G.711 Two-way audio Supported Suppression Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | Intelligent Identification | Face detection, Defocus, Scene Change | | | |
| Audio Compression G.711 Two-way audio Supported Suppression Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | Statistical Analysis | People counting | | | |
| Audio Compression G.711 Two-way audio Supported Suppression Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | General Function | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP | | | |
| Two-way audio Supported Suppression Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | Audio | | | | |
| Suppression Supported Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | Audio Compression | G.711 | | | |
| Sampling Rate 8 KHZ Storage Edge Storage Micro SD, Up to 128 GB | Two-way audio | Supported | | | |
| Storage Edge Storage Micro SD, Up to 128 GB | Suppression | Supported | | | |
| Edge Storage Micro SD, Up to 128 GB | Sampling Rate | 8 КНZ | | | |
| | Storage | Storage | | | |
| Network Storage ANR | Edge Storage | Micro SD, Up to 128 GB | | | |
| | Network Storage | ANR | | | |

DATASHEET



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|------------------------|--|--|--|--|
| Network | | | | |
| Protocols | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP | | | |
| Compatible Integration | ONVIF, API | | | |
| Interface | | | | |
| Audio I/O | Audio cable | | | |
| | 1 Input: impedance 35 kΩ; amplitude 2 V [p-p] | | | |
| | 1 Output: impedance 600 Ω; amplitude 2 V [p-p] | | | |
| Alarm I/O | 2/1 | | | |
| Serial Port | 1 RS485 | | | |
| Network | 1 RJ45, 10M/100M Base-TX Ethernet | | | |
| Video Output | 1 BNC, impedance 75 Ω; amplitude 1 V [p-p] | | | |
| General | | | | |
| Power | DC12V±25%, AC24V±25%, PoE (IEEE802.3 at) | | | |
| | Power consumption: Max. 13.7W | | | |
| Dimensions (L × W × H) | 305.5 ×104.1 ×97.3mm (12.0" × 4.1" × 3.8") | | | |
| Weight | 1.65 kg (3.6 lb) | | | |
| Working Environment | -40°C ~ +60°C (-40°F ~ 140°F), Humidity:10%~95% RH(non-condensing) | | | |
| Ingress Protection | IP67 | | | |
| Reset Button | Supported | | | |

Dimensions



Accessories

| Installation mode | Accessories | Description |
|-------------------|--------------|--|
| Wall mount | \ | Mounting pedestal is included in the Product package |
| Ceiling mount | \ | Mounting pedestal is included in the Product package |
| Rail mount | TR-UP06-A-IN | For outdoor rail installation |
| Pole mount | TR-UP06-A-IN | For outdoor pole installation |

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*Product specifications and availability are subject to change without notice.