



QVP83BEA



Product Features

- ▲ Max.resolution:8MP (3840 × 2160)
- ▲ Smart H.265/H.264 coding
- ▲ ICR auto switch, true day / night
- ▲ 3D DNR, true WDR, HLC, BLC and ROI coding
- ▲ 50~70m IR night view distance; Motorized zoom lens
- ▲ 1CH audio input; 1CH audio output; 1CH CVBS video output
- ▲ 1CH alarm input; 1CH alarm output
- ▲ Built-in micro SD card slot, up to 128GB
- ▲ DC12V/PoE power supply
- ▲ Support three streams
- ▲ P2P function optional
- ▲ IP 67
- ▲ Support mobile surveillance by smart phones with iOS and Android OS
- ▲ Intelligent analytics: Object abandoned/missing detection, region entrance/exiting/intrusion detection(human/vehicle classification), line crossing detection(human/ vehicle classification), video tampering detection, scene change detection, face detection, face capture, crowd density detection, heat map, human/vehicle counting, human tracking



SPECIFICATION

| Camera | |
|--------------------|--|
| Image Sensor | 1 / 2.8 "CMOS |
| Image Size | 3840×2160 |
| Electronic Shutter | 1 / 25 s ~ 1 / 100000 s |
| Iris Type | DC Iris |
| Min. Illumination | 0.01 lux @ F1.2,AGC ON; 0 lux with IR 0.015 lux @ F1.4, AGC ON; 0 lux with IR |
| Lens | 2.8~12mm@F1.4, motorized |
| Field of View | Horizontal: 96°~32°; Vertical:64°~18.4°; Diagonal: 103.8°~36.5° |
| Day&Night | ICR |
| Lens Mount | Φ14 |
| BLC | Yes |
| HLC | Yes |
| Defog | Yes |
| Digital NR | 3D DNR |
| Angle Adjustment | Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360° |
| Wide Dynamic Range | 120dB |

Image

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|----------------------------|--|
| Video Compression | Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile |
| Resolution | 8MP (3840 × 2160), 6MP(3072 × 2048),5MP(2592 × 1944), 4MP(2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240 |
| Main Stream | 60Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~25fps) HFR Mode: 1080P/720P(60Hz: 1~60fps; 50Hz: 1~50fps) |
| Sub Stream | 720P/D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps) |
| Third Stream | D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps) |
| Bit Rate | 64 Kbps ~ 12 Mbps |
| Bit Rate Type | VBR / CBR |
| Audio Compression | G711A / U |
| Image Settings | ROI, Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser |
| ROI | Each ROI to be configured separately |

Intelligent Analytics (Smart Events)

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|----------------------|--|
| Perimeter Protection | Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification) |
| Target Counting | Line crossing human/motor vehicle/non-motor vehicle counting |
| Exception Detection | Scene change, video blur and video color cast detection |
| Face Detection | Face detection and face capture |
| General Intelligence | Crowd density detection, heat map, object abandoned/missing detection* |

Functions

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|--------------------|---|
| Remote Monitoring | Web browsing, CMS remote control |
| Interface Protocol | ONVIF |
| Storage | Network remote storage; micro SD card storage |
| PoE | Yes , IEEE802.3af |
| Online Connection | Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission |
| Network Protocol | UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTP, HTTPS, QoS |
| Smart Alarm | Motion detection; sensor alarm, SD card error; SD card full, IP address conflict, cable disconnection |
| General function | Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction, etc |
| IR Distance | 50~70m |
| Protection Grade | IP 67 |

Interfaces

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|--------------|--|
| Network | RJ45 |
| Audio | CVBS output (BNC×1) |
| Storage | Built-in micro SD card slot; up to 128GB |
| Reset | Yes |
| Video Output | No |
| Alarm | 1CH alarm input; 1CH alarm output |

Others

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|-----------------------|--|
| Power Supply | DC12V / PoE |
| Power Consumption | < 12W |
| Dimensions (mm) | 279.5 × 100.3 × 88.9 |
| Operating Environment | -30 °C ~ 60°C(-22°F~140°F) Humidity: less than 95 %(non-condensing) |
| Weight (net) | Approx. 1.04KG |
| Installation | Ceiling mounting; Wall mounting |

Dimensions

