

Features

• 20X Optical Zoom, 16X Digital Zoom  
• 1080P@25/30fps  
• Auto Focus  
• 80m IR Range, IR Light Working Life >30000 Hours  
• Smart Analytics Function, Including Tripwire and Perimeter  
• Tough Condition Adaptability -40℃～70℃  
• IP66, Vandalproof, Wiper

Specification

|  |  |
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| Camera | |
| Image Sensor | 1/2.8″ Sony Exmor CMOS |
| Core Processor | ARM9 Architecture |
| Operating System | Embedded Linux |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.05 Lux @(F2.0, 50 IRE, ICR OFF) |
| B/W: 0.01Lux @(F2.0,  50 IRE, ICR ON) |
| Shutter Time | 1/25S～1/10000S |
| Focal Length | 4.7mm～94mm |
| Optical Zoom | 20X |
| Zoom Speed | ＜3s (Optical, Wide Angle-overlook) |
| Angle of View | Horizontal: 54.8° (w)～3.4° (t) |
| Day& Night | Dual ICR |
| Wide Dynamic Range | 100 dB |
| Digital Noise Reduction | 3D DNR |
| Focus | Auto |
| Compression Standard | |
| Video Compression | H.264/MJPEG |
| Bit Rate | 32Kbps~16Mbps |
| Audio Compression | G.711/G.726/ADPCM |
| Bit Rate | 8K~48Kbps |
| Image | |
| Max. Image Resolution | 1920×1080 |
| Frame Rate | 50Hz: 25fps (1920 × 1080), 25fps (1280 × 720) |
| 60Hz: 30fps (1920 × 1080), 30fps (1280 × 720) |
| Triple Stream | Mainstream:1080P(1920\*1080) |
| Substream:D1(704\*576) |
| 3rd stream:CIF(352\*288) |
| Image Settings | Brightness, Saturation, Contrast,Flip Mode |
| HLC | Y |
| Smart Defog | Y |
| Corridor | Y |
| EIS | Y |
| ROI | 4 Zones |
| Privacy Mask | 4 Zones |
| Picture Overlay | 200 × 200, BMP 24bit, Zone Configurable |
| Network | |
| Browser | IE 7+, Chrome 18 +, Firefox 5.0 + |
| Network Storage | NAS |
| Video Analytics | Tripwire/Perimeter |
| Alarm Trigger | Motion Detection/IP Conflict/MAC Conflict/Port Alarm |
| Protocols | TCP/IP/ICMP/HTTP/HTTPS/FTP/DHCP/DNS/DDNS/  RTP/RTSP/RTCP/PPPoE/NTP/UPnP/SMTP/SNMP/  IGMP/802.1X/QoS/IPv6/Bonjour |
| User Permission | 4 Level/8 Users |
| System Compatibility | ONVIF (Profile S),  SDK |
| Interface | |
| Audio Input | 1-ch |
| Audio Output | 1-ch |
| Communication Interface | 1-ch RJ45 10M / 100M Ethernet Interface and 1-ch RS-485 Interface |
| Alarm Input | 1-ch |
| Alarm Output | 1-ch |
| Video Output | 1-ch,1Vp-p Composite Output（75Ω/BNC） |
| On-board Storage | N/A |
| Extension | 1x USB2.0 |
| General | |
| Operating Conditions | -40℃～70℃, 0～95% RHG |
| Power Supply | AC24V±15% |
| Power Consumption | Max. 35W(IR: 29W) |
| Circuit Protection | TVS 6000V, Lightning/Surge 4000V Protection |
| Impact Protection | IP66, IK10 |
| IR Range | 80m |
| IR LEDs | 8-pc Array IR LEDs |
| Dimensions | 390mm×127.5mm×137mm |
| Weight | 3.2kg (IP Camera Only); 3.6kg (with Packing Box) |

Dimension

