

| Camera | |
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| Image Sensor | 1/3" 4Megapixel progressive scan CMOS |
| Effective Pixels | 2688(H)x1520(V) |
| RAM/ROM | 512MB/32MB |
| Scanning System | Progressive |
| Minimum Illumination | 0.08Lux/F2.0 (Color), 0Lux/F2.0 (IR on) |
| S/N Ratio | More than 50dB |
| IR Distance | Distance up to 50m (164ft) |
| IR On/Off Control | Auto/ Manual |
| IR LEDs | 1 |
| Lens | |
| Lens Type | Fixed |
| Mount Type | Board-in |
| Focal Length | 3.6mm (2.8mm, 6mm optional) |
| Max. Aperture | F2.0 (F2.0, F2.0) |
| Angle of View | H:87° (104°, 55°), V:48° (57°, 31°) |
| Optical Zoom | N/A |
| Focus Control | Fixed |
| Close Focus Distance | N/A |
| Pan/Tilt/Rotation | |
| Pan/Tilt/Rotation Range | Pan:0°~360°; Tilt:0°~78°; Rotation:0°~360° |
| Intelligence | |
| IVS (optional) | Tripwire, Intrusion, Object Abandoned/Missing |
| Advanced Intelligent Functions | Face Detection |
| Video | |
| Compression | H.265+/H.265/H.264+/H.264 |
| Streaming Capability | 3 Streams |
| Resolution | 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) |
| Frame Rate | Main Stream: 4M(1~25/30fps) Sub Stream: D1(1~25/30fps) Third Stream: 720P(1~25/10fps) |
| Bit Rate Control | CBR/VBR |
| Bit Rate | H.264: 24~10240Kbps H.265: 14~9984Kbps |
| Day/Night | Auto(ICR) / Color / B/W |
| BLC Mode | BLC / HLC / WDR(120dB) |
| White Balance | Auto/Natural/Street Lamp/Outdoor/Manual |
| Gain Control | Auto/Manual |
| Noise Reduction | 3D DNR |
| Motion Detetion | Off / On (4 Zone, Rectangle) |
| Region of Interest | Off / On (4 Zone) |
| Electronic Image Stabilization (EIS) | N/A |

| | |
|-----------------------|---|
| Smart IR | Support |
| Defog | N/A |
| Digital Zoom | 16x |
| Flip | 0°/90°/180°/270° |
| Mirror | Off / On |
| Privacy Masking | Off / On (4 Area, Rectangle) |
| Audio | |
| Compression | G.711a/ G.711Mu/ AAC/ G.726 |
| Network | |
| Ethernet | RJ-45 (10/100Base-T) |
| Protocol | HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP |
| Interoperability | ONVIF, PSIA, CGI |
| Streaming Method | Unicast / Multicast |
| Max. User Access | 10 Users / 20 Users |
| Edge Storage | NAS Local PC for instant recording Mirco SD card 128GB |
| Web Viewer | IE, Chrome, Firefox, Safari |
| Management Software | Smart PSS, DSS, Easy4ip |
| Smart Phone | IOS, Android |
| Certifications | |
| Certifications | CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B |
| Interface | |
| Video Interface | N/A |
| Audio Interface | Built-in Mic |
| RS485 | N/A |
| Alarm | N/A |
| Electrical | |
| Power Supply | DC12V, PoE (802.3af)(Class 0) |
| Power Consumption | <5W |
| Environmental | |
| Operating Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Storage Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Ingress Protection | IP67 |
| Vandal Resistance | N/A |
| Construction | |
| Casing | Metal |
| Dimensions | Φ106mm×93.7mm (4.17"×3.69") |
| Net Weight | 0.47Kg (1.04lb) |
| Gross Weight | 0.65Kg (1.43lb) |