



4MP Dome Camera

FEATURES:

- Multiple Progressive Scan CMOS Sensor support up to 4M Resolution
- Multi Codec support (H.265 / H.264 / MJPEG)
- Quad Streams support
- True Day/Night function (ICR)
- IR LED (working distance up to 40m)
- 3D Motion Compensated Noise Reduction (MCTF)
- Text Overlay and Privacy Masks
- Smart Low Bitrate control
- Weatherproof (IP66)
- ONVIF Profiles S/G/Q support

TECHNICAL SPECIFICATION

| | |
|-------------------------|---|
| Image Sensor | Omni Vision 4M 1/3" Progressive CMOS |
| Effective Pixels | HxV = 2720x1536(4M) |
| Pixel Size | 2.0 μ m |
| Frame Rate (Maximum) | H.265 HDR 4M @30fps + d1 @30fps |
| | H.264 HDR 4M @30fps + d1 @30fps |
| | MJPEG 1080p @30fps |

| Lens | |
|----------------------|---|
| Minimum Illumination | Color: 0.1 lux |
| | B/W : 0.01 lux |
| Fixed focal Lens | F1.4 |
| Focal Length | 2.8-12mm |
| Horizontal FOV | 91° (wide),33° (tele) |
| Vertical FOV | 49° (wide),18° (tele) |
| Camera | |
| Day and Night | Automatically removable IR-cut filter |
| Shutter Time | 1~1/10K sec. |
| HDR | 120dB WDR |
| Image Settings | Color, Brightness, AGC, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay |
| Iris Control | Auto |
| Corridor Mode | 90°, 180°, 270° rotation |
| Video Codec | |
| Compression | H.265/H.264 /MJPEG |
| Streaming | Up to 4 individually configurable streams in H.265/H.264/MJPEG Configurable resolution/frame rate/bandwidth LBR/VBR/CBR in H.265/H.264 |
| Audio Codec | |
| Compression | G.711 / G.726 / AAC / LPCM |
| Streaming | 2 way |
| Audio Input | Line in / Built in microphone |
| Audio Output | Line out / Built in speaker |
| Network | |
| Interface | 10/100Mbps Ethernet |
| Security | User Authentication/HTTPS/IP Filter/IEEE 802.1x |
| Supported Protocols | ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS ONVIF, Unicast, Multicast |
| ONVIF | Profile S / G / Q conformant |

| System Integration | |
|----------------------|---|
| Analytics | Motion Detection/Tampering / Audio detection |
| Event Triggers | External input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger |
| Event Actions | Video recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email |
| General | |
| Casing | Metal Body |
| Power | PoE IEEE802.3af, class 0 DC12V, 1.14A, max 13.68 watt |
| Connectors | RJ45 |
| | Alarm in x1, Alarm out x1, Terminal Block |
| | DC12V Terminal Block |
| | AC 24V Terminal Block |
| | Audio in Terminal Block(Indoor) Line In/3.5mm jack (Outdoor) |
| | Audio out Terminal Block(Indoor) Line Out/3.5mm jack (Outdoor) |
| | CVBS Connector |
| IR Illumination | Illumination distance: 40m |
| Operating Conditions | -30°C~65°C 10%~90%, No Condensation |
| Storage | Support for microSD/microSDHC/microSDXC card Support for recording to NAS |
| Storage Conditions | -20°C~70°C (-4°F~158°F) |
| Approvals | EMC |
| | CE / FCC |
| | Safety |
| | LVD |
| | Environment |
| | IP66 |
| Dimensions | Fixed lens: Ø117x106.3 mm |
| Weight | 540 g |