



VALUE 

Value Color Enhance Bullet 4MP\8MP Fixed Lens Full Color Network Camera

Real-time High Definition Camera

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1080i/720p can be delivered for recording and monitoring. As a result, ultimate low speed without fluctuations as well as ultra high speed without jerks can be obtained.

Triple codec, Simultaneous Multi Streaming

Triple codec, Simultaneous Multi Streaming Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to monitor video remotely using H.265 and transmit to Network Video Recorder as well.

Day & Night by ICR

Day & Night by ICR For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengaged from image path automatically in the low light environment.

90° Tilting

90° Tilting The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation.

FEATURES

- 1/1.8" progressive scan CMOS.
- Upto 8MP(3840×2160) @25/30fps resolution.
- WDR, 3D DNR, ROI, HLC, BLC, Defog.
- Built-in warm lights, illumination Distance up to 30m.
- Built-in microphone and speaker.
- Built-in SD card slot, IP66, PoE.



VALUE SERIES

TECHNICAL SPECIFICATION

CAMERA

| | AX-V418-VCEB (4MP) | AX-V818-VCEB (8MP) |
|----------------------------|---|--|
| Image Sensor | 1/1.8" Progressive Scan CMOS | |
| Resolution | 4MP | 8MP |
| Effective Pixels | 2560×1440 | 3840×2160 |
| Electronic Shutter Time | Auto/Manual, 1/5 ~ 1/20,000s | |
| Minimum Illumination | Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with warm light on | Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light on |
| Day/Night | IR cut filter | |
| Illumination Distance | Up to 30 m (98.4 ft) | |
| Illuminator On/Off Control | Auto/Manual | |
| Pan/Tilt/Rotation Range | Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360° | |

LENS

| | | |
|---------------|--------------------|--------------------|
| Lens Type | Fixed focus | |
| Iris | Fixed Iris | |
| Focal Length | 3.6mm | |
| F Number | F1.0 | |
| Angle of View | H: 88.7°, V: 48.2° | H: 90.3°, V: 48.1° |

VIDEO

| | | |
|----------------------|---|---|
| Streaming Capability | 3 Streams | |
| Stream 1 | 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps | 3840×2160, 2592×1944, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 @ 25/30fps |
| Stream 2 | D1, VGA, 640×360, CIF, QVGA @ 25/30fps | D1, VGA, CIF @ 25/30fps |
| Stream 3 | VGA, CIF, QVGA @ 25/30fps | |
| Bit Rate Control | CBR/VBR | |
| Bit Rate Stream1 | 200kbps~12Mbps | 200kbps~16Mbps |
| Bit Rate Stream2 | 100kbps~6Mbps | 100kbps~6Mbps |
| Bit Rate Stream3 | 100kbps~3Mbps | 100kbps~3Mbps |
| Region of Interest | Off/On (8 Zone, Rectangle) | |

IMAGE

| | | |
|--------------------|---|--|
| Image Adjustment | Brightness/Sharpness/Contrast/Saturation adjustable | |
| Aisle Mode | Support | |
| Mirror | Support | |
| Exposure Mode | Auto/Manual | |
| White Balance | Auto/Manual | |
| Day/Night Setting | Auto, Day, Night, Time | |
| Smart Illumination | Support | |
| Noise Reduction | 2D/3D DNR | |
| Wide Dynamic Range | True WDR | |
| Image Enhancement | HLC, BLC, Defog | |



VALUE SERIES

TECHNICAL SPECIFICATION

IMAGE

| | AX-V418-VCEB (4MP) | AX-V818-VCEB (8MP) |
|------------------|-----------------------|-----------------------|
| S/N Ratio | 55dB | |
| Motion Detection | Support | |
| Privacy Masking | Support | |

AI FUNCTION

| | |
|------------------------|---|
| Multi-Object Detection | Support face, human, vehicle detection and capture |
| Smart Events | Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, People counting Support alarm triggering by specified target types (human and vehicle) |

AUDIO

| | |
|-------------------|----------------------|
| Audio Compression | G.711, RAW_PCM |
| Bit Rate | 8kbps, 16kps, 64kbps |

NETWORK

| | |
|------------------|--|
| Protocols | IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP, TLS/SSL |
| Interoperability | ONVIF, SDK, CGI |
| Streaming Method | Unicast |
| Max. User Access | 10 Users |
| Web Viewer | <IE11, Chrome, Firefox, Microsoft Edge |
| Language | English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English |

INTERFACE

| | |
|------------------------|--|
| Network Interface | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| Built-in Microphone | Yes |
| Built-in Speaker | Yes |
| Reset Button | Support |
| Built-in Micro SD slot | Built-in, up to 256GB |

GENERAL

| | |
|-----------------------|--|
| Power Supply | DC12V(-15%~+25%)/POE (IEEE 802.3af) |
| Power Consumption | Max 7.5 W |
| Operating Temperature | -40°C ~ 55°C (-40°F ~ 131 °F) |
| Operating Humidity | Less than 90% RH |
| Ingress Protection | IP66 |
| Certifications | CE/FCC |
| Casing | Metal |
| Dimensions | 303 × 100 × 107 mm (11.9 × 3.94 × 4.21 inch) |
| Net Weight | 1.25 kg (2.76 lb) 1.25 kg (2.76 lb) |