

MODEL #

**XSEBIP4MP28-B-AI+**



# ULTRA SERIES AI+ SPECTRAL CAMERA

Onvif® | GMS1 | NDAA Compliant | AI



**8MP**  
RESOLUTION



**8MP**  
Resolution

**2.8MM**  
Lens



**IR Up to**  
**25M**

**See In Full Color**  
**At Night**



**Two-Way**  
**Communication**

**Audio/Alarm**  
**In/Out**



**IP67**  
**Waterproof &**  
**Dustproof**

**Micro SD Card**  
**Slot up to 1TB**

Introducing the **XSEBIP4MP28-B-AI+**, a high-performance security camera designed to deliver reliable monitoring and clear video quality in various environments. Providing real-time video output at a maximum resolution of 3840x2160@30fps, it ensures detailed and smooth surveillance for everyday security applications. Equipped with AI-ISP technology, the camera delivers excellent noise reduction, improving image clarity in different lighting conditions. Intelligent analytics further enhances monitoring capabilities, enabling smarter and more efficient surveillance. The camera supports warm light and infrared dual supplementary lighting, allowing effective monitoring both during the day and at night. It also supports backlight compensation, strong light suppression, 3D digital noise reduction, and a 120dB wide dynamic range, making it suitable for different video environments while maintaining balanced image quality. For added functionality, the device is equipped with 1 built-in microphone and 1 built-in speaker. Built for durability, it is designed to meet IP67 dust and water resistance standards, ensuring reliable performance in both indoor and outdoor environments.

**VIDEO**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Image Sensor      | 1/1.8"                                             |
| Max. Resolution   | 8MP 3840(H)×2160(V)@30fps                          |
| Min. Illumination | Color 0.0007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON |
| Scanning System   | Progressive CMOS                                   |

**LENS**

|                       |                                            |
|-----------------------|--------------------------------------------|
| Focal Length          | 2.8 mm                                     |
| Aperture              | F1.0                                       |
| Angular Field of View | Horizontal:110° Vertical:60° Diagonal:113° |
| Min. Object Distance  | 2.5m                                       |

**OPERATIONAL**

|                             |                                                                                                                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IR LED                      | 1                                                                                                                                                                                                                                                                                                  |
| Warmlight                   | 2                                                                                                                                                                                                                                                                                                  |
| Red Blue Light              | 2(1 Red&1 Blue)                                                                                                                                                                                                                                                                                    |
| IR Viewable Length          | Up to 25m                                                                                                                                                                                                                                                                                          |
| Warm Light Viewable Length  | Up to 20m                                                                                                                                                                                                                                                                                          |
| Type of complementary light | Default warm light, switchable infrared light                                                                                                                                                                                                                                                      |
| Motion Detection            | Off/On (8 Level)                                                                                                                                                                                                                                                                                   |
| Wide Dynamic Range          | WDR                                                                                                                                                                                                                                                                                                |
| Digital Noise Reduction     | 3D DNR                                                                                                                                                                                                                                                                                             |
| Image Setting               | Full Color Mode/Day&Night Mode/Smart Illumination                                                                                                                                                                                                                                                  |
| White Balance               | Auto/Manual                                                                                                                                                                                                                                                                                        |
| Electronic Shutter Speed    | 1/5 ~ 1/20000s                                                                                                                                                                                                                                                                                     |
| Edge Storage                | Micro SD slot, up to 1TB                                                                                                                                                                                                                                                                           |
| Alarm                       | NA                                                                                                                                                                                                                                                                                                 |
| Audio                       | Built-in microphone&Speaker                                                                                                                                                                                                                                                                        |
| Custom Voice                | Yes                                                                                                                                                                                                                                                                                                |
| Hardware Reset              | Yes                                                                                                                                                                                                                                                                                                |
| AI Feature                  | Face Recognition, Pedestrian & Vehicle, Perimeter Intrusion, Multi-Target-Type Recognition, Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exiting, Fall Detection, Fire&Smoke Detection |

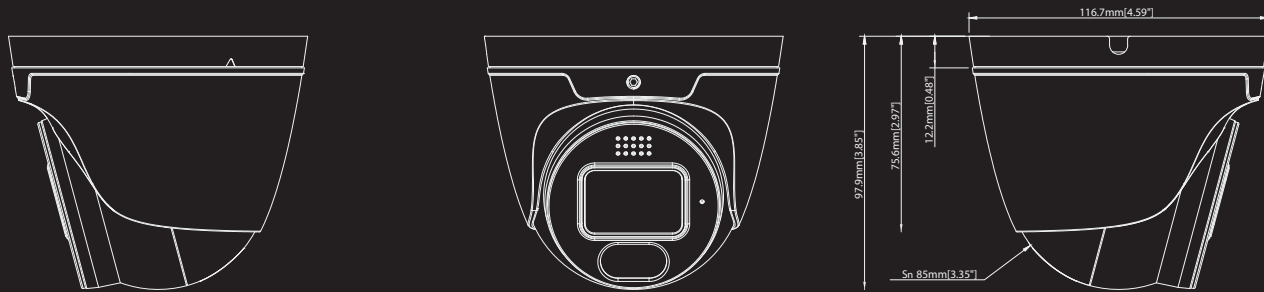
**NETWORK**

|                          |                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethernet                 | RJ45(10/100BASE-T)                                                                                                                                                                                                                                                                      |
| Video Compression        | H.265/H.264/H.265+/H.264+/MJPEG                                                                                                                                                                                                                                                         |
| Resolution               | <b>Mainstream@30fps</b><br>8MP(3840x2160),5MP(2592x1944,3072x1728),<br>4MP(2592x1520),3MP(2304x1296),1080P(1920x1080), 960P(1280*960),720P(1280x720)<br><b>Substream@30fps</b><br>720P(1280x720),VGA(640x480),QVGA(320x240)<br><b>Mobilestream@30fps</b><br>VGA(640x480), QVGA(320x240) |
| Video Quality Adjustment | 256Kbps ~ 8Mbps                                                                                                                                                                                                                                                                         |
| Bitrate control method   | CBR/VBR                                                                                                                                                                                                                                                                                 |
| IP                       | IPV6                                                                                                                                                                                                                                                                                    |
| Protocol                 | TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP                                                                                                                                                                                                                         |
| Security                 | IP address filter;complicated password; Authenticated username and password                                                                                                                                                                                                             |
| IP Camera protocol       | ONVIF( Profile S/G/T/M)                                                                                                                                                                                                                                                                 |
| Web Viewer               | IE10/11<br>Safari V12.1 above<br>Firefox V.52 above<br>Google chrome V.57 above<br>Edge V.79 above                                                                                                                                                                                      |

**GENERAL**

|                         |                              |
|-------------------------|------------------------------|
| Operating Temperature   | -35~+60°C/less than ≤ 90% RH |
| Outdoor Ready           | IP67                         |
| Input Voltage / Current | DC 12V/POE                   |
| Power                   | TBD                          |
| Material                | Metal                        |

## DIMENSIONS



## COMPATIBLE ACCESSORIES

### CEILING MOUNT SOLUTION



**CMB6-G**  
CEILING MOUNT

**EB3BASE4-G**  
PENDANT

### CORNER MOUNT SOLUTION



**COMB6**  
CORNER MOUNT BRACKET

### POLE MOUNT SOLUTION



**PMB6**  
POLE MOUNT BRACKET

### WALL MOUNT SOLUTION



**WMB2**  
WALLMOUNT BRACKET

**WMB6**  
WALLMOUNT BRACKET

**EB3BASE4-G**  
PENDANT

### JUNCTION BOX



**EB3BASE5**  
JUNCTION BOX

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### COMPLIANCE



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