

# IP8M-2796E-AI

## Amcrest UltraHD 4K (8MP) Outdoor Security IP Bullet PoE Camera

### Technical Specifications

|                          |                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| <b>Model</b>             | <b>IP8M-2796EW-AI / IP8M-2796EB-AI</b>                                                           |
| <b>Camera</b>            |                                                                                                  |
| Image Sensor             | 1/2.8" CMOS                                                                                      |
| Effective Pixels         | 3840 (H) × 2160 (V)                                                                              |
| Scanning System          | Progressive                                                                                      |
| Electronic Shutter Speed | Auto/Manual 1/3~1/100000                                                                         |
| Min. Illumination        | 0.007 lux@F1.4 (Color, 30 IRE)<br>0.0007 lux@F1.4 (B/W, 30 IRE)<br>0 lux (Illuminator on)        |
| S/N Ratio                | >56 dB                                                                                           |
| Video Output             | N/A                                                                                              |
| <b>Camera Features</b>   |                                                                                                  |
| Max. IR LEDs Length      | 49.2ft (15m)                                                                                     |
| Day/Night                | Auto (ICR)/Color/B/W                                                                             |
| Night Vision             | IR Mode/White Light/Smart Illumination                                                           |
| Backlight Compensation   | BLC /HLC /DWDR                                                                                   |
| White Balance            | Auto; Natural; Street Lamp; Outdoor; Manual; Regional Custom                                     |
| Gain Control             | Auto                                                                                             |
| Noise Reduction          | 3D NR                                                                                            |
| Privacy Masking          | 4 areas                                                                                          |
| Smart Motion Detection   | Human/Vehicle                                                                                    |
| IVS                      | Tripwire/Intrusion                                                                               |
| Face Detection           | Supported                                                                                        |
| <b>Lens</b>              |                                                                                                  |
| Focal Length             | 2.8mm                                                                                            |
| Max Aperture             | F2.0                                                                                             |
| Focus Control            | N/A                                                                                              |
| Angle of View            | H: 108 * V:56 * D:129                                                                            |
| Lens Type                | Fixed lens                                                                                       |
| Mount Type               | M12                                                                                              |
| <b>Video</b>             |                                                                                                  |
| Compression              | H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)                           |
| Resolution               | 8MP(3840x2160)/4K/4MP(2560×1440)/2304×1296/1080P(1920×1080)/1280×960/720P(1280×720)/VGA(640×480) |

|                            |             |                                                                                                              |
|----------------------------|-------------|--------------------------------------------------------------------------------------------------------------|
| Frame Rate                 | Main Stream | 8MP(3840x2160)/4K/4MP(2560x1440)/2304x1296/1080P(1920x1080)/1280x960/720P(1280x720)/VGA(640x480) (1 ~ 15fps) |
|                            | Sub Stream  | VGA(1 ~ 15fps)                                                                                               |
| Bit Rate                   |             | H.264: 3 kbps–8192 kbps, H.265: 3 kbps–8192 kbps                                                             |
| <b>Audio</b>               |             |                                                                                                              |
| Compression                |             | G.711a; G.711Mu; PCM; G.726; G.723                                                                           |
| Interface                  |             | NA                                                                                                           |
| <b>Network</b>             |             |                                                                                                              |
| Ethernet                   |             | RJ-45 (10/100Base-T)                                                                                         |
| Wi-Fi                      |             | NA                                                                                                           |
| Protocol                   |             | IPv4; IPv6; HTTP;TCP; UDP; RTSP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; UPnP; NTP;                          |
| Compatibility              |             | ONVIF , CGI                                                                                                  |
| Max. User Access           |             | 20 users                                                                                                     |
| Smart Phone                |             | Android View Pro                                                                                             |
| <b>Auxiliary Interface</b> |             |                                                                                                              |
| Memory Slot                |             | Micro SD (Up to 256GB)                                                                                       |
| RS485                      |             | N/A                                                                                                          |
| Alarm                      |             | N/A                                                                                                          |
| PIR Sensor Range           |             | N/A                                                                                                          |
| <b>General</b>             |             |                                                                                                              |
| Power Supply               |             | 12V DC/PoE (802.3af)                                                                                         |
| Power Consumption          |             | Basic: 3.8 W (12 VDC); 4.6 W (PoE)<br>Max. (WDR + IR intensity + Intelligence): 5.9 W (12 VDC); 7.2 W (PoE)  |
| Working Environment        |             | –40 °C to +60 °C (–40 °F to 140 °F) /Less than 95% RH                                                        |
| Ingress Protection         |             | N/A                                                                                                          |
| Vandal Resistance          |             | N/A                                                                                                          |
| Dimensions                 |             | 9.8" x 5.3" x 4.3"                                                                                           |
| Weight                     |             | 1.5lbs                                                                                                       |