



AY-ECO-R126-2M

ECO Series



## Features

| Model name                | AY-ECO-R126-2M                                           |
|---------------------------|----------------------------------------------------------|
| Design                    |                                                          |
| Video                     |                                                          |
| Imaging Device            | 1/2.8"                                                   |
| Effective Pixels          | 2MP 1920(H)×1080(V)                                      |
| Scanning System           | Progressive CMOS                                         |
| Min. Illumination         | Color 0.002Lux @(F1.2,AGC ON) ; B/W 0 lux @ IR ON        |
| Lens Type                 |                                                          |
| Focal Length (Zoom Ratio) | 3.6mm                                                    |
| Max. Aperture Ratio       | F No. 1.6                                                |
| Angular Field of View     | Horizontal: 87°, Vertical:44°, Diagonal: 104°            |
| Min. Object Distance      | 2M                                                       |
| Lens Type                 | Fixed(M12)                                               |
| Operational               |                                                          |
| IR Viewable Length        | Up to 30m                                                |
| Camera Title              | On/Off                                                   |
| Day & Night               | IR cut filter with auto switch (Day/Night/Auto/Schedule) |
| Backlight Compensation    | Off/On (5 Zone)                                          |
| Wide Dynamic Range        | WDR                                                      |
| Digital Noise Reduction   | 3D DNR                                                   |
| Motion Detection          | Off/On (8 Level)                                         |
| Privacy Masking           | Off/On (4 Zone, Rectangle)                               |
| Gain Control              | Auto                                                     |



|                                   |                                                                                                                                                                                       |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| White Balance                     | Auto/Manual                                                                                                                                                                           |
| Electronic Shutter Speed          | 1/5 ~ 1/20000s                                                                                                                                                                        |
| Mirror                            | Flip/Rotation                                                                                                                                                                         |
| On-Board Storage                  | Micro SD slot, up to 256GB                                                                                                                                                            |
| Alarm                             | NA                                                                                                                                                                                    |
| Audio                             | Built-in microphone                                                                                                                                                                   |
| Hardware Reset                    | Yes                                                                                                                                                                                   |
| Smart Feature                     | NA                                                                                                                                                                                    |
| <b>Network</b>                    |                                                                                                                                                                                       |
| Ethernet                          | RJ45(10/100BASE-T)                                                                                                                                                                    |
| Video Compression Format          | H.265/H.264                                                                                                                                                                           |
| Resolution                        | <b>Mainstream</b><br>1080P(1920x1080),960P(1280x960),720P(1280x720) <b>Substream</b><br>720P(1280x720),VGA(640x480),QVGA(320x240) <b>Mobilestream</b><br>VGA(640x480), QVGA (320x240) |
| Video Quality Ajustment           | 8Kbps ~ 8Mbps                                                                                                                                                                         |
| Bitrate control method            | CBR/VBR                                                                                                                                                                               |
| Streaming Capability              | Triple-Stream(Main/Sub/Moile)                                                                                                                                                         |
| 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                                                                                                            |
| Streaming Method                  | Unicast/Multicast                                                                                                                                                                     |
| Application Programming Interface | ONVIF( Profile S/G/T)                                                                                                                                                                 |
| <b>Environmental</b>              |                                                                                                                                                                                       |
| Operating Conditions              | -30~+55°C/less than ≤ 95% RH                                                                                                                                                          |
| Strorage Conditions               | -30~+60°C/less than ≤ 95% RH                                                                                                                                                          |
| Ingress Protection                | IP66                                                                                                                                                                                  |
| <b>Electrical</b>                 |                                                                                                                                                                                       |
| Input Voltage / Current           | D12V/POE(IEEE802.3af)                                                                                                                                                                 |
| Power Consumption (IR OFF)        | 2W/3W                                                                                                                                                                                 |
| Power Consumption (IR ON)         | 4W/5.5W                                                                                                                                                                               |
| <b>Mechanical</b>                 |                                                                                                                                                                                       |
| Material                          | Metal                                                                                                                                                                                 |