

# EZD-155AX Day & Night 5MP HD AF Vandal Resistant Dome IR IP Camera

www.meritlilin.com



- ▶ 5 megapixel CMOS image sensor
- ▶ H.265/HEVC and H.264/AVC high-performance video compression
- ▶ 3D noise reduction (MCTF)
- ▶ 2D WDR function
- ▶ ONVIF Profile S supported
- ▶ IP66 rain and dust resistant

## Video Performance

|                   |  |
|-------------------|--|
| Model             | EZD-155AX  |
| Min. Illumination | Color 0.01lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON |

## Power and Environment

|                       |  |
|-----------------------|--|
| Starting Temperature  | -30°C – +60°C (-22°F – 140°F)                                  |
| Operating Temperature | -30°C – +50°C (-22°F – 122°F)                                  |
| Storage Temperature   | -30°C – +60°C (-22°F – 140°F)                                  |
| Humidity              | 0% ~ 90% RH  |
| Power Supply          | DC12V ±10% (Terminal connector) / PoE (IEEE 802.3af compliant) |
| Power Consumption     | DC12V, 5.4W / PoE 5.52W  |

## Lens / Night vision (infrared LED)

|                  |                     |
|------------------|---------------------|
| Focal Length     | 2.8-12mm            |
| Iris             | F 1.6(W) - F 2.9(T) |
| Angle of View    | 94.9° - 30.4°       |
| Peak Wavelength  | 850nm               |
| Beam Spread      | 30°/100°            |
| Radiant Distance | 40M                 |

## Sensor

|                  |  |
|------------------|--|
| Pick Up Element  | 1/2.8" CMOS image sensor               |
| Effective Pixels | 2616(H) X 1964(V) = 5,137,824 (Pixels) |

## Certifications

|                         |      |
|-------------------------|------|
| CE                      | YES  |
| FCC                     | YES  |
| IP Rating               | IP66 |
| Vandal Resistant Rating | IK10 |

## PC Requirements

|             |   |
|-------------|---|
| CPU         | Intel® Core™ i7 or higher grade           |
| OS          | Windows 7 or above                        |
| RAM         | 8GB or above, Dedicated Graphics Card     |
| Web browser | Microsoft® Internet Explorer® 10 or above |

## Integration

|                    |  |
|--------------------|--|
| Mobile Application | Integrated to LILIN mobile app (LILIN Pro) iPhone, iPad, Android support                                     |
| Video Management   | ONVIF Profile S / IVS events, LILIN Navigator Enterprise 2.0 support, Third party VMS through LILIN HTTP API |
| SD Card Recording  | Support SD card recording up to 128GB  |

## Network

|                   |   |
|-------------------|---|
| Network Protocols | IPv4, TCP, UDP, HTTP, SMTP, SNMP V1/V2/V3, NTP, DDNS, UPnP, FTP, ARP, DHCP, DNS, RTSP, RTP, Telnet, ICMP, IGMP, ONVIF Profile S |
|-------------------|---|

## Mechanical

|                 |                  |
|-----------------|------------------|
| Dimension       | Ø147.1 X 117.3mm |
| Weight          | 1067g            |
| Casing Material | Aluminum alloy   |

## Input / Output

|                      |   |
|----------------------|---|
| Audio Input / Output | Mono, 1.98Vp-p, RCA female connector / Mono, 1.98Vp-p, RCA female connector   |
| Audio                | Two-way Audio, G.711 u-law / G.711 a-law / ADPCM / G.726 16 kbit/s, G.726 24 kbit/s, G.726 32 kbit/s, G.726 40 kbit/s, External Microphone & speaker Required |
| Alarm Input / Output | Digital Input x 1/ Digital Output x 1 terminal block  |
| Live Video Output    | CVBS 1.0Vp-p, 75 ohm  |

## Video Streaming

|                   |   |
|-------------------|---|
| Video Compression | H.265/HEVC Main Profile, H.264 Main and High Profile, Motion JPEG   |
| Video Streaming   | RTSP/UDP, RTSP/TCP, RTSP/Multicast configurable streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth |
| Video Bitrate     | 256Kbps~8192Kbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported; Fixed bitrate                       |

## Network Security

|                |   |
|----------------|---|
| Encryption     | Base64 HTTP encryption, Digest HTTP authentication, RTSP Authentication |
| Address Filter | IP address filter   |
| Access         | Multiple user access levels with password protection                    |

## Video Resolutions (H x V)

|                    |  |
|--------------------|--|
| Resolution         | 5MP(2592x1944), 4MP(2592x1520), 3 MP(2048 x1520), 1080 P(1920 x1080), 960 P(1280 x960), 720 P(1280 x720) |
| Maximum Frame Rate | 2592x1944 / 30 fps   |

## Video Functions

|                         |   |
|-------------------------|---|
| Scanning System         | Progressive Scan  |
| Infrared Cut Filter     | Auto / Schedule / Day (Color) / Night (Mono)  |
| White Balance           | Auto/ Indoor/ Manual (Red, Green, Blue adjustable)                                      |
| Back Light Compensation | Off/ Manual(1~15, Area selectable)  |
| Electrical Shutter      | 1/5s – 1/20000s / AUTO  |
| Auto Gain Control       | Adjustable (1~128)  |
| S/N Ratio               | More than 46dB (AGC off)  |
| 3D Noise Reduction      | Off/ Auto/ Manual (1~255)   |
| 2D WDR                  | Off / Manual (1~255)  |
| High Dynamic Range      | Up to 120dB   |
| Privacy Masking         | Off / On (4 zones)  |
| Image Effects           | Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation, Corridor Mode |
| Auto Focus              | One Push  |
| EV (Exposure Value)     | Adjustable  |