

# IPPTZ-EL2MPIR250L30X-D2

## 2 Megapixel IR Network IP PTZ Security Camera

- 30x optical zoom
- Max. 25/30fps@1080P(1920x1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus



|                              |                                                                               |
|------------------------------|-------------------------------------------------------------------------------|
| <b>Megapixels:</b>           | <b>2MP - 1080p</b>                                                            |
| <b>Image Resolutions:</b>    | <b>2MP(1920x1080) / 1.3M(1280x960) / 720P(1280x720) / D1(704x576/704x480)</b> |
| <b>Image Sensor:</b>         | <b>1/2.8" CMOS</b>                                                            |
| <b>Min Illumination:</b>     | <b>Color: 0.05Lux@F1.6; B/W</b>                                               |
| <b>LEDs:</b>                 | <b>IR</b>                                                                     |
| <b>IR Distance:</b>          | <b>250 ft</b>                                                                 |
| <b>OSD:</b>                  | <b>Yes</b>                                                                    |
| <b>Protocol:</b>             | <b>ONVIF</b>                                                                  |
| <b>Operating Temperature</b> | <b>+14F to +122</b>                                                           |
| <b>Dimension:</b>            | <b>10 x 17 x 10</b>                                                           |
| <b>Power:</b>                | <b>AC24V</b>                                                                  |
| <b>Pan Rotation:</b>         | <b>Pan: 0 ~ 360 endless</b>                                                   |
| <b>Tilt:</b>                 | <b>-15 ~ 90, auto flip 180</b>                                                |
| <b>Touring:</b>              | <b>5 Pattern, 8 Tour, Auto Pan, Auto Scan</b>                                 |

## Technical Specifications

|                          |             |                                                                                          |  |
|--------------------------|-------------|------------------------------------------------------------------------------------------|--|
|                          |             |                                                                                          |  |
| Camera                   |             |                                                                                          |  |
| Image Sensor             |             | 1/2.8" CMOS                                                                              |  |
| Effective Pixels         |             | 1944(H) x 1092(V), 2Megapixels                                                           |  |
| Scanning System          |             | Progressive                                                                              |  |
| Electronic Shutter Speed |             | 1/3 ~ 1/30,000s                                                                          |  |
| Min. Illumination        |             | Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6                                                  |  |
| S/N Ratio                |             | More than 55dB                                                                           |  |
| Camera Features          |             |                                                                                          |  |
| Day/Night                |             | Auto(ICR) / Color / B/W                                                                  |  |
| Backlight Compensation   |             | BLC / HLC / DWDR (Digital WDR)                                                           |  |
| White Balance            |             | Auto, ATW, Indoor, Outdoor, Manual                                                       |  |
| Gain Control             |             | Auto / Manual                                                                            |  |
| Noise Reduction          |             | Ultra DNR (2D/3D)                                                                        |  |
| Privacy Masking          |             | Up to 24 areas                                                                           |  |
| Digital Zoom             |             | 16x                                                                                      |  |
| Lens                     |             |                                                                                          |  |
| Focal Length             |             | 4.3mm~129mm<br>(30x Optical zoom)                                                        |  |
| Max Aperture             |             | F1.6~ F5.0                                                                               |  |
| Focus Control            |             | Auto / Manual                                                                            |  |
| Angle of View            |             | H:65.1°~2.34°                                                                            |  |
| Close Focus Distance     |             | 100mm~ 1000mm                                                                            |  |
| PTZ                      |             |                                                                                          |  |
| Pan/Tilt Range           |             | Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°                                 |  |
| Manual Control Speed     |             | Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s                                                  |  |
| Preset Speed             |             | Pan: 400° /s; Tilt: 300° /s                                                              |  |
| Preset                   |             | 300                                                                                      |  |
| PTZ Mode                 |             | 5 Pattern, 8 Tour, Auto Pan, Auto Scan                                                   |  |
| Speed Setup              |             | Human-oriented focal length/ speed adaptation                                            |  |
| Power up Action          |             | Auto restore to previous PTZ and lens status after power failure                         |  |
| Idle Motion              |             | Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period |  |
| IR Distance              |             | 80m (DC12V)<br>100m (AC24V)                                                              |  |
| Video                    |             |                                                                                          |  |
| Compression              |             | H.264 / MJPEG                                                                            |  |
| Resolution               |             | 1080P(1920×1080)/ 720P(1280×720) / D1(704×576/ 704×480) /CIF (352×288/352×240)           |  |
| Frame Rate               | Main Stream | 1080P/ D1 (1 ~ 30fps), 720P(1~30fps)                                                     |  |

|                            |            |                                                                                                                                                       |
|----------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | Sub Stream | D1/CIF(1 ~ 30fps)                                                                                                                                     |
| Bit Rate                   |            | H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps                                                                                                      |
| <b>Audio</b>               |            |                                                                                                                                                       |
| Compression                |            | G.711a / G.711Mu(32kbps)/ PCM(128kbps)                                                                                                                |
| Interface                  |            | 1/1 channel In/Out                                                                                                                                    |
| <b>Network</b>             |            |                                                                                                                                                       |
| Ethernet                   |            | RJ-45 (10/100Base-T)                                                                                                                                  |
| Protocol                   |            | IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x |
| Compatibility              |            | ONVIF PSIA CGI                                                                                                                                        |
| Max. User Access           |            | 20 users                                                                                                                                              |
| Smart Phone                |            | iPhone, iPad, Android, Windows Phone                                                                                                                  |
| <b>Auxiliary Interface</b> |            |                                                                                                                                                       |
| Memory Slot                |            | Micro SD, Max 64GB                                                                                                                                    |
| Alarm                      |            | 2/1 channel In/Out                                                                                                                                    |
| <b>General</b>             |            |                                                                                                                                                       |
| Power Supply               |            | AC24V/ DC12V, POE plus(802.3at)                                                                                                                       |
| Power Consumption          |            | DC12V: 13W, 20W (IR on)<br>AC24V: 13W, 23W (IR on)                                                                                                    |
| Working Environment        |            | DC12V: -30°C ~ 60°C / Less than 90% RH<br>AC24V: -40°C ~ 70°C / Less than 90% RH                                                                      |
| Ingress Protection         |            | IP66                                                                                                                                                  |
| Dimensions                 |            | Φ186.0(mm) x 309(mm)                                                                                                                                  |
| Weight                     |            | 3.5kg                                                                                                                                                 |

## Dimensions (mm)

