



Creativity Progress & Excellence

Network Product





IPD2322X

IMEGAPRO

Day & Night 1080P HD Vari-Focal Dome IP Camera



Features

- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / Tampering / Audio / Motion detection alarm function
- Ceiling mount and Embedded mount installation
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF supported

Dimensions $\Phi 150 \times 134\text{mm}$



| IP CAMERA SERIES | | | | |
|--|--|-------------|---------------|--|
| Day & Night 1080P HD Vari-Focal Dome IP Camera | | | | |
| Model | IPD2322ESX3.6 | | | |
| Lens | Focal Length | 3.3 – 12 mm | | |
| | Iris | F1.4 | | |
| | Angle of View | H | 79.3° – 29.8° | |
| | | V | 59.4° – 22.4° | |
| D | | 99° – 37.3° | | |
| Pick Up Element | 1/2.7" CMOS image sensor | | | |
| Effective Pixels | 1920 (H) x 1080 (V) = 2,073,600 (pixel) | | | |
| Chip Size | 5.856mm (H) x 3.276mm (V) | | | |
| Scanning System | Progressive Scan | | | |
| Infrared Cut Filter | Auto / Schedule / Day (Color) / Night (Mono) | | | |
| Min. Illumination | 0.1 Lux at F1.4 (Low Light Mode) | | | |
| White Balance | Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2 | | | |
| Back Light Compensation | Off / On | | | |
| Electrical Shutter | 1/30s – 1/8000s | | | |
| Sense Up | Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames | | | |
| Sense Up Plus | Yes | | | |
| Auto Gain Control | 36 dB Variable Gain | | | |
| 3D Noise Reduction | Off / 1 – 32 Selectable | | | |
| 2D WDR | Off / On | | | |
| Privacy Masking | Off / On (4 zones) | | | |
| Image Effects | Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip | | | |
| Live Video Output | CVBS 1.0Vp-p, 75 ohm, RCA connector | | | |
| Audio In / Output | Mono, 1.4 Vp-p, 50 K Ω , 3.5mm phone jack | | | |
| Operating Temperature | -25°C – +50°C (-13°F – 122°F) | | | |
| Dimension | $\Phi 150 \times 134\text{mm}$ | | | |
| Weight | 600g | | | |
| Power Supply | DC12V $\pm 10\%$ / PoE (IEEE 802.3af compliant) | | | |
| Power Consumption | DC12V, 6W / PoE, 7.5W | | | |

| NETWORK | | |
|----------------------|---|--|
| Video Compression | H.264, Motion JPEG | |
| Resolution | 1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240) | |
| Multiple profile | Profile #1 | H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 720 x 480 |
| | Profile #2 | H.264 : up to 30 fps @ 1280 x 720 , MJPEG : up to 30 fps @ 352 x 240 |
| | Profile #3 | H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 1280 x 720 |
| | Profile #4 | H.264 : up to 30 fps @ 720 x 480 , MJPEG : up to 15 fps @ 1920 x 1080 |
| Video Streaming | RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 128Kbps – 5Mbps | |
| Video Bitrate | Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported | |
| Security | Base64 HTTP encryption Multiple user access levels with password protection | |
| Users | 10 user accounts available 8 simultaneous users | |
| ePTZ & Digital Zoom | Yes, ROI is supported | |
| OSD | Text overlay for date, time, and camera name | |
| Alarm Function | Alarm / motion / tampering / face detection triggering recording into SD card Image upload over FTP and E-mail by face / tampering / audio / motion detection | |
| CPU, Memory | Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory | |
| Maintenance | Firmware update via HTTP Firmware available at web site | |
| Network Interface | 10Mbps / 100Mbps Base-T, RJ-45 | |
| PC Requirement | OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8 Browser : Windows Internet Explorer 6.0 or above CPU : Intel Pentium 4 1.8GHz or above RAM : 1GB or above, Independent Display Card | |
| Network Protocols | IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF, SNMP | |
| Mobile phone | iPhone, iPad, and Android support | |
| System Integration | ONVIF & LILIN HTTP API | |
| CMX | CMX HD 3.6 support | |
| Video Display | LILIN Universal ActiveX & LILIN Java Applet | |
| OS | Embedded Linux 2.6.32 | |
| Two-way Audio | G.711 / PCM | |
| SD Card Recording | Support Micro SD/SDHC card for circular recording (card is not included) | |
| Alarm Input / Output | Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA) | |