



Creativity Progress & Excellence

Network Product





LD2222

IMEGAPRO

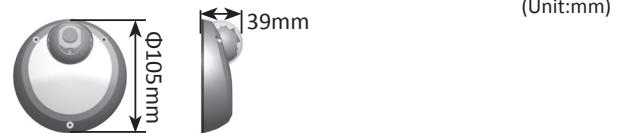
1080P HD Dome IP Camera



Features

- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10
- H.264 and Motion JPEG triple video streaming
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital zoom supported
- Audio / Motion detection alarm function
- Built-in highly sensitive microphone
- One-way audio supported
- ONVIF supported

Dimensions $\Phi 105 \times 39\text{mm}$



(Unit:mm)

| IP CAMERA SERIES | | | | |
|-------------------------|--|---------------|----------|-------|
| 1080P HD Dome IP Camera | | | | |
| Model | LD2222E2 | | LD2222E4 | |
| Lens | Focal Length | 2.8 mm | 4 mm | |
| | Angle of View | Iris | F1.8 | F1.6 |
| | | H | 84° | 62.2° |
| | | V | 52° | 37.4° |
| D | 98° | 69.2° | | |
| Pick Up Element | 1/2.5" CMOS image sensor | | | |
| Effective Pixels | 1920 (H) x 1080 (V) = 2,073,600 (pixel) | | | |
| Chip Size | 5.70mm (H) x 4.28mm (V) | | | |
| Scanning System | Progressive Scan | | | |
| Min. Illumination | 1.5 Lux at F1.8 | 1 Lux at F1.6 | | |
| White Balance | Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2 | | | |
| Back Light Compensation | Off / On | | | |
| Electronic Shutter | 1/30s – 1/8000s | | | |
| Sense Up | Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames | | | |
| Sense Up + | Yes | | | |
| Auto Gain Control | 36 dB Variable Gain | | | |
| 3D Noise Reduction | Off / 1 – 32 Selectable | | | |
| 2D WDR | Off / x2 / x3 / x4 | | | |
| Privacy Masking | Off / On (4 zones) | | | |
| Image Effects | Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip | | | |
| Operating Temperature | -25°C – +50°C (-13°F – 122°F) | | | |
| Dimension | $\Phi 105 \times 39\text{mm}$ | | | |
| Weight | 250g | | | |
| Power Supply | DC12V $\pm 10\%$ / PoE (IEEE 802.3af compliant) | | | |
| Power Consumption | DC12V, 4.5W / PoE, 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) |
| Maximum Frame Rate | H.264 : up to 15 fps @ 1920 x 1080 , 30fps @ 1280 x 720 , 30fps @ 720 x 480 , Motion JPEG : up to 15 fps @ 1920 x 1080 , 30 fps @ 720 x 480 , 30 fps @ 352 x 240 |
| Video Streaming Protocol | RTP/HTTP, RTP/TCP, RTP/UDP, Multicast |
| Video Bitrate | 128Kbps – 5Mbps Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported |
| Security | Base64 HTTP encryption Multiple user access levels with password protection 10 user accounts available |
| Users | 8 simultaneous users |
| Digital Zoom | Yes |
| OSD | Text overlay for date, time, and camera name |
| Alarm Function | Motion detection triggering recording into SD card Image upload over FTP and E-mail by 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 |
| One-way Audio | G.711 / PCM |
| SD Card Recording | Support Micro SD/SDHC card for circular recording (card is not included) |