



LR7022

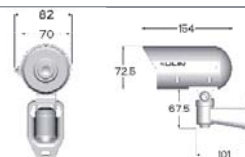
Day & Night 1080P HD IR IP Camera



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
- Motion detection alarm function
- High efficiency IR LED, radiant distance up to 18m
- Day & Night (IR cut removable)
- ONVIF supported

Dimensions



Body: 82mm(W) x 72.5mm(H) x 154mm(D)
Bracket: 101mm(L)
(Unit:mm)

| IP CAMERA SERIES | | | | |
|-----------------------------------|--|--|-------|-------|
| Day & Night 1080P HD IR IP Camera | | | | |
| Model | LR7022E4 | LR7022E6 | | |
| Lens | Focal Length | 4 mm | 6 mm | |
| | Iris | F1.6 | F1.8 | |
| | Angle of View | H | 62.2° | 43.6° |
| | | V | 37.4° | 25.4° |
| D | | 69.2° | 49.4° | |
| 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 | | | |
| Infrared Cut Filter | Auto / Schedule / Day (Color) / Night (Mono) | | | |
| Min. Illumination | 0.4 Lux at F1.6 (Low Light Mode) / 0 Lux with IR | 0.5 Lux at F1.8 (Low Light Mode) / 0 Lux with IR | | |
| White Balance | Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2 | | | |
| Back Light Compensation | Off / On | | | |
| Electronic Shutter | 1/30(25)s ~ 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 | | | |
| IP Rating | IP66 | | | |
| Window | Ø65 Heat Resistant Glass | | | |
| Window | Peak Wavelength | 850nm | | |
| | Beam Spread | 30° | | |
| | Radiant Distance | 18M | | |
| Operating Temperature | -35°C ~ +50°C (-31°F ~ 122°F) | | | |
| Dimension | Body : 82mm(W) x 72.5mm(H) x 154mm(D) / Bracket : 101mm(L) | | | |
| Weight | 600g | | | |
| Power Supply | DC12V ±10% / PoE (IEEE 802.3af compliant) | | | |
| Power Consumption | DC12V, 10W / PoE, 11.2W | | | |

| 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 bitrate controllable on-the-fly |
| Security | VBR / CBR / GOP supported |
| | Base64 HTTP encryption |
| | Multiple user access levels with password protection |
| Users | 10 user accounts available |
| Digital Zoom | 8 simultaneous users |
| OSD | Yes |
| Alarm Functions | Text overlay for date, time, and camera name |
| CPU, Memory | Image upload over FTP and E-mail by motion detection |
| Maintenance | Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory |
| Network Interface | Firmware update via HTTP |
| PC Requirement | Firmware available at web site |
| | OS : Windows 2000, Windows XP, Windows Vista, Windows 7 |
| | Browser : Windows Internet Explorer 6, 7, 8 |
| Network Protocols | CPU : Intel Pentium 4 1.8GHz or above |
| Mobile Phone and PDA | RAM : 1GB or above, Independent Display Card |
| System Integration | IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ONVIF, IGMP |
| Video Display | iPhone, iPad, and Android support |
| OS | ONVIF & LILIN HTTP API |
| | CMX HD 3.6 support |
| | LILIN Universal ActiveX & LILIN Java Applet |
| | Embedded Linux 2.6.32 |