



1080P Day & Night Fixed IR IP Mini Dome Camera



Features

- Full HD 2 megapixel CMOS image sensor
- 2MP H.265/HEVC and H.264/AVC high-performance video compression
- Simultaneous streaming of H.265 and H.264 encoded streams
- Smart H.264/H.265 supported
- 3D noise reduction (MCTF)
- 2D WDR function
- HDR function up to 120dB
- Digital PTZ supported
- IVS supported
- Tampering / Audio / Motion / Network lost detection event function
- SMART event
- High efficiency IR LED, radiant distance up to 30m
- Day & Night (IR cut removable)
- Built-in highly sensitive microphone
- 1-way audio supported
- ONVIF Profile S and Profile T supported
- IP67 rain and dust resistant

Specifications

| Model | P2R6822E2 |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Min. illumination/Low Light Mode (Colour) | Color : 0.005 Lux at F1.6 ; B/W : 0.002 Lux at F1.6 ; 0 Lux with IR LED ON |
| Focal Length | 2.8mm |
| Iris | F1.6 |
| Iris Control | Fixed IRIS |
| Angle of View | 104.4° (H) 58.1° (V) 119.1° (D) |
| Peak wavelength | 850nm |
| Beam Spread | 60° |
| Max IR distance | 30M |
| Pick Up Element | 1/2.8" CMOS image sensor |
| Effective pixels | 1945 (H) × 1097 (V) = 2,133,665 (Pixels) |
| CE | Yes, EMI Class A |
| FCC | Yes, EMI Class A |
| IP Rating | IP67 |
| CPU | Intel® Core™ i7 or higher grade |
| OS | Windows 7 or above |
| RAM | 8GB or above, Dedicated Graphics Card |
| Web browser | Microsoft® Internet Explorer® 9 or above |
| Audio | One-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone |
| Video Compression | H.265/HEVC main profile, H.264 main and high profile , Motion JPEG |
| Video streaming | RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth |
| Number of streams | 4 |
| Video bitrate | 128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate, Smart H.264/H.265 |

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| Encryption | Base64 HTTP encryption, HTTPS encryption |
| Authentication | Digest HTTP authentication, RTSP authentication, TLS, 802.1x, DDNS via HTTPS |
| Address Filter | IP address filter, MAC address filter |
| Access | Multiple user access levels with password protection |
| User accounts | 10 user accounts available |
| Multi IP address | Yes |
| Resolution | 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240) |
| Maximum Frame Rate | Normal mode 60Hz: 60 fps @ 1920 × 1080 50Hz: 50 fps @ 1920 × 1080 HDR mode 60Hz: 30 fps @ 1920 × 1080 50Hz: 25 fps @ 1920 × 1080 |
| Scanning System | Progressive Scan |
| Infrared Cut Filter | Auto / Day (Color) / Night (Mono) / Schedule |
| White Balance | ATW-NARROW / ATW-WIDE / AWC(MANUAL) |
| Back Light Compensation | Yes |
| Electrical Shutter | 1/30(1/25)s – 1/30000s |
| Sense Up | Off / x2 / x4 / x8 / x16 / x32 |
| Sense Up+ | Yes |
| Auto Gain Control | 60 dB Variable Gain |
| S / N Ratio | More than 50dB (AGC off) |
| 3D Noise Reduction | Off / 1 – 32 Selectable |
| 2D WDR | Off / Auto / x2 / x3 / x4 (by normal mode) Support Onvif |
| High Dynamic Range(HDR) | Up to 120dB (by HDR mode, 2 shutter line interleave) |
| Privacy Masking | Off / On (4 zones) |

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| Image Effects | Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation, Overexposure Reduction |
| EV (Exposure Value) | Adjustable |
| Lens distortion correction (LDC) | Yes |
| Mobile Application | Integrated to LILIN mobile app (LILIN Viewer), iPhone, iPad, Android support |
| Video Management | ONVIF Profile S / ONVIF Profile T / IVS events, LILIN Navigator Enterprise 2.0 support, Third party VMS through LILIN HTTP API |
| Maintenance | Firmware update via HTTP and IP Scan; Firmware available at website |
| IVS Basic 1.0 | Motion Detection, Tampering Detection, Advanced Motion Detection, Traffic Light Detection, Tripwire Detection, Object Counting |
| IVS Advanced 2.1 (Optional) | Unattended Object Detection, Missing Object Detection, Crowd Detection, Loitering Detection, Face Detection |
| IVS Advanced 2.2 (Optional) | Detection Zone for Car and Human |
| Alarm event triggers | Motion / Tamper / Audio / Network lost detection / SmartEvent |
| Alarm event actions | FTP / SMTP / HTTP post / SAMBA / SMTP Trap |
| Languages | English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese |
| Network Interface/Ethernet | 10/100 Mbps Base-T, RJ-45 |
| ePTZ & Digital Zoom | Yes, ROI (Region of Interest) |
| OSD | Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data |
| CPU.Memory | Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory |

| Network OS | Embedded Linux 3.10 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocols | IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP V1/V2/V3, SNMP Trap and heart beat, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, ONVIF Profile T, SDDP, Bonjour , 802.1x, SSL/TLS |
| Max number of online users | 10 simultaneous users |
| Video Display | LILIN Universal ActiveX , LILIN Java Applet |
| Watermark | BMP logo |
| Log | Event & operation log & IVS event log |
| Schedule | Support holiday list |
| Network Storage | NAS (Support SAMBA/CIFS) |
| Starting Temperature | -10°C – +50°C (14°F – 122°F) |
| Operating temperature | -40°C – +50°C (-40°F – 122°F) |
| Storage temperature | -25°C – +60°C (-13°F – 140°F) |
| Operating humidity | 0% – 90% RH |
| Power Supply | DC12V ±10% / PoE (IEEE 802.3af compliant) |
| Power Consumption | DC12V, 6W / PoE, 7.5W |
| Dimensions | 67(W) × 71(H) × 73(D) mm |
| Weight | 230g |
| Casing Material | Aluminum alloy |
| Window / Glass Thickness | Ø42.5 Heat Resistant Glass |