



5MP Day & Night Fixed IR IP Mini Dome Camera



Features

- 5 megapixel CMOS image sensor
- 5MP 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 100dB
- 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	P2R6852E2
Pick Up Element	1/2.8" CMOS image sensor
Effective pixels	2616 (H) × 1964 (V) = 5,137,824 (Pixels)
Video Compression	H.265/HEVC main profile, H.264 main and high profile , Motion JPEG
Resolution	5MP(2592 × 1944), 3.6MP(2560 × 1440), 3.1MP(2048 × 1536), 3MP(2304 × 1296), 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)
Frame Rates	Normal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944
Min. illumination/Low Light Mode (Colour)	Color : 0.007 Lux at F1.6 ; B/W : 0.002 Lux at F1.6 ; 0 Lux with IR LED ON
Lens	2.8mm
Iris	F1.6
Angle of View	108.1° (W) – 56.7° (T) (H) 57.6° (W) – 31.6° (T) (V) 130.4° (W) – 64.8° (T) (D)
Max IR distance	30M
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
Video bitrate	128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate, Smart H.264/H.265
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule
Window / Glass Thickness	Ø42.5 Heat Resistant Glass
Peak wavelength	850nm
White Balance	ATW-NARROW / ATW-WIDE / AWC(MANUAL)
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 100dB (by HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 zones)
Sense Up+	Off / 1 Frame / 2 Frames
Auto Gain Control	66 dB Variable Gain
Electrical Shutter	1/30(1/25)s – 1/30000s
Audio	One-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone
Video Management	ONVIF Profile S / ONVIF Profile T / IVS events, LILIN Navigator Enterprise 2.0 support, Third party VMS through LILIN HTTP API
Video Display	LILIN Universal ActiveX , LILIN Java Applet
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
Access	Multiple user access levels with password protection
Max number of online users	10 user accounts available
Encryption	Base64 HTTP encryption, HTTPS encryption
OS	Embedded Linux 3.10
CE	Yes, EMI Class A
FCC	Yes, EMI Class A
Power Consumption	DC12V, 5.6W / PoE, 6.7W
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Network Interface/Ethernet	10/100 Mbps Base-T, RJ-45
IP Rating	IP67
ePTZ & Digital Zoom	Yes, ROI (Region of Interest)
Web browser	Microsoft® Internet Explorer® 9 or above
User accounts	10 simultaneous users

Alarm event actions	FTP / SMTP / HTTP post / SAMBA / SMTP Trap
Alarm event triggers	Motion / Tamper / Network lost detection / SmartEvent
CPU	Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory
IVS (Intelligent Video Surveillance)	Motion Detection, Tampering Detection, Advanced Motion Detection, Tripwire, Traffic Light Detection, Object Counting
S / N Ratio	More than 50dB (AGC off)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation
Authentication	Digest HTTP authentication, RTSP authentication, TLS, 802.1x, DDNS via HTTPS
Multi IP address	Yes
Maintenance	Firmware update via HTTP and IP Scan; Firmware available at web site
Mobile phone	Integrated to LILIN mobile app (LILIN Viewer), iPhone, iPad, Android support
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
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
Dimensions	67(W) × 71(H) × 73(D) mm
Weight	230g