

P2R6852E4 5MP Day & Night Fixed IR Mini Dome IP Camera



The LILIN P2 series cameras are equipped with a fixed-focus lens, offering flexible surveillance coverage and featuring a 2-megapixel CMOS sensor. This series incorporates 3D digital noise reduction (MCTF) and 2D WDR to ensure clear images under various lighting conditions. High-efficiency infrared LEDs provide superior illumination in low-light environments, with day and night functionality to adapt to different lighting conditions.

The P2 series also includes digital PTZ and ROI (Region of Interest) capabilities, supporting intelligent video surveillance (IVS) features such as tamper detection, motion detection, and network disconnection detection. Customizable smart events can be tailored to meet specific needs. It supports ONVIF Profile S, T, and is designed to withstand harsh outdoor environments with waterproof and vandal-resistant construction.

- 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 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



Specs

Video Performance	
Min. Illumination	Color : 0.01 Lux at F1.6 ; B/W : 0.004 Lux at F1.6 ; 0 Lux with IR LED ON
Lens / Night Vision (Infrared	
Focal Length	4mm
Iris	F1.6
Iris Control	Fixed IRIS
Angle of View	76.6° (H) , 55.8° (V) , 98.6° (D)
Peak Wavelength	850nm
Beam Spread	60°
Radiant Distance	30M
Sensor	20101
Pick Up Element	1/2.8" CMOS image sensor
Effective Pixels	$2616 (H) \times 1964 (V) = 5,137,824 (Pixels)$
Certifications	$2010(11) \times 1004(0) = 5,157,024(11003)$
CE / FCC	Yes, EMI CLASS A
IP Rating	IP67
5	IK10
Vandal Resistant Rating	
PC Requirements	Intel® Core™ i7 or higher grade
	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 Microsoft® Edge (IE mode)
Input / Output	
Audio	One-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone
Video Streaming	
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
Network Security	
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
Video Resolutions (H x V)	
Resolution	5MP(2592 × 1944), 4MP(2304 × 1728), 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)
Maximum Frame Rate	Normal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944
Video Functions	
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
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
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High Dynamic RangeUp to 12008 (by HDB mode, 2 shutter line interleave)Privacy MaskingOff / On (4 zones)Image EffectsBrightness, Contrast, Hue, Saturation, Sharpness, Mirror, Filp, Rotation, Overexposure ReductionEV (Exposure Value)AdjustableLens distosion correction (LDC)YesIntegrated to LLIN mobile app (LLIN Pro), IPhone, IPad, Android supportNoverexposure NatureMobile ApplicationIntegrated to LLIN mobile app (LLIN Pro), IPhone, IPad, Android supportVideo ManagementONVIF Profile 5 (ONVIF Profile 7 I/NS events, LUIN Navigator Enterprise 5:0 support, Third party VMS through LUIN HTTP APIMaintenanceFirmware available at websiteIVS Advanced 2.1 (Optional)Unattended Object Detection, Tinpvire Detection, Crowd Detection, Icargering Detection, Tinpvire Detection Crowd Detection, Correng Detection Assing Object Detection SmattleventIVS Advanced 2.2 (Optional)Detection Zone for Car and HumanEvent TriggersFIP/ SMTP / HTTP post / SAMBA / SMTP TrapEnglish, Traditional Chinese, Simplified Chinese, Spanish, talian, Jurkish, Russian, Korean, French, Arabic, Hungarian, JapaneseOSDEmbedded Soc ARM Cortex-A9, 816MHz, 512MB DDR3L; 256MB flash memoryOSEmbedded Soc ARM Cortex-A9, 816MHz, 512MB DDR3L; 256MB flash memoryOSEmbedded Linux 310IPv4, IPv6, TCP, UDP, HTTP, SMTP, MQTT, QoS, SMTP VUAV2, SMMP Trap, AN, S		
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WatermarkBMP logoLogEvent & operation log & IVS event logScheduleSupport holiday listNetwork StorageNAS (Support SAMBA/CIFS)Power and Environment-10° C - +50° C (14° F - 122° F)Starting Temperature-40° C - +50° C (-40° F - 122° F)Operating Temperature-25° C - +60° C (-13° F - 140° F)Humidity0% - 90% RHPower SupplyDC12V ±10% / PoE (IEEE 802.3af compliant)Power ConsumptionDC12V, 5.6W / PoE, 6.7WMechanical	Max number of online users	10 simultaneous users
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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) Humidity 0% - 90% RH Power Supply DC12V ±10% / POE (IEEE 802.3af compliant) Power Consumption DC12V, 5.6W / POE, 6.7W Mechanical Dimension Ø67 × 67(H) mm Weight 265g Casing Material Aluminum alloy Window Ø42.5 Heat Resistant Glass	Network Storage	NAS (Support SAMBA/CIFS)
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Humidity 0% – 90% RH Power Supply DC12V ±10% / PoE (IEEE 802.3af compliant) Power Consumption DC12V, 5.6W / PoE, 6.7W Mechanical	Operating Temperature	-40° C - +50° C (-40° F - 122° F)
Power Supply DC12V ±10% / PoE (IEEE 802.3af compliant) Power Consumption DC12V, 5.6W / PoE, 6.7W Mechanical Vertical Dimension Ø67 × 67(H) mm Weight 265g Casing Material Aluminum alloy Window Ø42.5 Heat Resistant Glass Warranty Vertical	Storage Temperature	-25° C - +60° C (-13° F - 140° F)
Power Consumption DC12V, 5.6W / PoE, 6.7W Mechanical Dimension Ø67 × 67(H) mm Weight 265g Casing Material Aluminum alloy Window Ø42.5 Heat Resistant Glass Warranty	Humidity	0% – 90% RH
Mechanical Dimension Ø67 × 67(H) mm Weight 265g Casing Material Aluminum alloy Window Ø42.5 Heat Resistant Glass Warranty Karranty	Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
DimensionØ67 × 67(H) mmWeight265gCasing MaterialAluminum alloyWindowØ42.5 Heat Resistant GlassWarranty	Power Consumption	DC12V, 5.6W / PoE, 6.7W
Weight 265g Casing Material Aluminum alloy Window Ø42.5 Heat Resistant Glass Warranty	Mechanical	
Casing Material Aluminum alloy Window Ø42.5 Heat Resistant Glass Warranty Warranty	Dimension	Ø67 × 67(H) mm
Window Ø42.5 Heat Resistant Glass Warranty	Weight	265g
Warranty	Casing Material	Aluminum alloy
-	Window	Ø42.5 Heat Resistant Glass
Warranty 3 Year(s)	Warranty	
	Warranty	3 Year(s)



Bracket



BCR05W Wall-mount

