

P2 Series | IP Mini Dome Camera

P2R6852E2 5MP Day & Night Fixed IR Mini Dome IP Camera

www.meritlilin.com



Product Features

Wind and Rain Standards

Meet international IP67 standards for dust and moisture resistant allowing you to install cameras in environments subject to wind and rain



Sense Up+

Deliver outstanding video outputs in poor light conditions without experiencing motion blur. You can see video clearly even during nighttime without sufficient lighting support



Wide Dynamic Range (WDR)

Wide Dynamic Range (WDR) displays details of both the brightest and darkest areas. WDR can extend image visibility under high contrast lighting scenes and improve image quality



Day and Night Operations via Removal of the IR-cut filter

P2R6852E2 camera was designed using a mechanical IR cut filter for increased IR sensitivity resulting in improved night time images. The removable IR-cut filter allows day and night operations even in the low lux condition providing outstanding vision



3D Noise Reduction

Remove noise from a signal. Suppressing noise in an image in low light conditions and able to retain quality videos at the same time



High Dynamic Range

An High Dynamic Range (HDR) image is made by taking 3 frames of the same scene and each at different shutter speeds to display details of both the darkest and brightest areas. HDR can extend image visibility under high contrast lighting scenes and improve image quality



Privacy Masking

Privacy Masking is a feature used to protect personal privacy by concealing private areas in the camera's field of view. Doorways and house windows for example are not subject to surveillance



Audio Detection

With Audio Detection technology, an alarm is triggered based on ambient sound conditions as the threshold

Motion Detection

Detect motion and capture the event. Motion in the selected area will provoke an alert.



Automatically detects camera sabotage or failure. Detects any attempts to tamper with the camera - partially or completely blocking its lens or field of view





A Region of Interest (ROI) is a specified part of an image that is highlighted from a camera. This feature is great for highlighting areas such as doors or areas of access where an overall scene is still required



Video Security App

Available on Android and iOS - LILIN Pro app provides security alarm push notification, real-time live viewing, and remote video playback





Technical Specifications

Peak Wavelength 850nm Beam Spread 60° Radiant Distance 30M Sensor 1/2.8" CMOS image sensor Effective Pixels 2616 (H) × 1964 (V) = 5,137,824 (Pixels) Certifications 2616 (H) × 1964 (V) = 5,137,824 (Pixels) Certifications 2616 (H) × 1964 (V) = 5,137,824 (Pixels) Certifications 2616 (H) × 1964 (V) = 5,137,824 (Pixels) Certifications 1P Rating IP Rating IP67 PC Requirements CPU 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 Input / Output One-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone Video Streaming Configurable frame rate and bandwidth Video Streaming Configurable frame rate and bandwidth Number of Streams 4 128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly: VBR / CBR / GOP supported, Fixed bitrate, Smart H.264/H.265 Network Security Base64 HTTP encryption, HTTPS encryption Address Filter IP address filter, MAC address filter <th>5MP Day & Night Fixed</th> <th>d IR Mini Dome IP Camera</th>	5MP Day & Night Fixed	d IR Mini Dome IP Camera
Model P2R6852E2 Color: 0.01 Lux at F1.6; B/W: 0.004 Lux at F1.6; 0 Lux with IR LED ON Lons / Night Vision (Infrared LED) Focal Length 2.8mm Iris F1.6 Iris Control 92.8° (H) 68.8° (V) 116.5° (D) Peak Wavelength 850nm Beam Spread 60° Radiant Distance 30M Sensor 2616 (H) × 1964 (V) = 5,137.824 (Pixels) Cettications CE Yes, EMI CLASS A FCC Yes, EMI CLASS A FCC Yes, EMI CLASS A FCC Yes, EMI CLASS A PR Rating IP67 PC Requirements Undows 7 or above RAM 8GB or above, Dedicated Graphics Card Web Browser Microsoft® Internet Explorer® 9 or above Input / Output One-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone Video Streaming RTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable strams in H.266 and H264 and Molton JPEG, configurable frame rate and bandwidth Number of Streams 4 Video Streaming Sase64 HTTP encryption, HTTPS encryption Number of Streams 4 Video Streaming Sase64 HTTP encryption, HTTPS encryption Sust + 1.264/H.265 Sust + 1.268, 3MP (2004 × 1728), 3.1MP(2048 × 1728), 3.1MP(2048 × 1728), 3.1MP(2048 × 1728)	Vidoo Performence	
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Input / Output Audio One-way Audio, G.711 u-law / PCM / AAC, Built-in Microphone Video Streaming H.265/HEVC main profile, H.264 main and high profile, Motion JPEG 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 × V) SMP(2592 × 1944), 4MP(2304 × 1728), 3.1MP(2048 × 1536), 3MP(1280 × 960), 11.3MP(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 HDR mode: up to 25 fps @ 2592 × 1944		
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Audio Microphone Video Streaming H.265/HEVC main profile, H.264 main and high profile , Motion JPEG Video Compression 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 × V) SMP(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 Mechanical Dimension 67(W) × 71(H) × 73(D) mm Weight 230g Casing Material	Input / Output	
Video CompressionH.265/HEVC main profile, H.264 main and high profile , Motion JPEGVideo StreamingRTP/HTTP, RTP/TCP, RTP/UDP, Multicast 4 configurable streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidthNumber of Streams4Video Bitrate128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate, Smart H.264/H.265Network SecurityEncryptionEncryptionBase64 HTTP encryption, HTTPS encryptionAuthenticationBigest HTTP authentication, RTSP authentication, TLS, 802.1x, DDNS via HTTPSAddress FilterIP address filter, MAC address filterAccessMultiple user access levels with password protectionUser accounts10 user accounts availableMulti IP AddressYesVideo Resolutions (H x V)ResolutionSMP(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 RateNormal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944MechanicalDimensionØrest67(W) × 71(H) × 73(D) mmWeight230gCasing MaterialAluminum alloy	Audio	•
Video Compression 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) SMP(2592 × 1944), 4MP(2304 × 1728), 3.1MP(2048 × 1536), 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 Mechanical Dimension Dimension 67(W) × 71(H) × 73(D) mm Weight 230g Casing Material Aluminum alloy	Video Streaming	
Video Streamingstreams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidthNumber of Streams4Video Bitrate128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate, Smart H.264/H.265Network SecurityEncryptionEncryptionBase64 HTTP encryption, HTTPS encryptionAuthenticationDigest HTTP authentication, RTSP authentication, TLS, 802.1x, DDNS via HTTPSAddress FilterIP address filter, MAC address filterAccessMultiple user access levels with password protectionUser accounts10 user accounts availableMulti IP AddressYesVideo Resolutions (H x V)ResolutionSMP(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 RateNormal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944Mechanical230gDimension67(W) × 71(H) × 73(D) mm 230gVeight230gCasing MaterialAluminum alloy	Video Compression	
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Video Bitrateon-the-fly; VBR / CBR / GOP supported, Fixed bitrate, Smart H.264/H.265Network SecurityEncryptionBase64 HTTP encryption, HTTPS encryptionAuthenticationDigest HTTP authentication, RTSP authentication, TLS, 802.1x, DDNS via HTTPSAddress FilterIP address filter, MAC address filterAccessMultiple user access levels with password protectionUser accounts10 user accounts availableMulti IP AddressYesVideo Resolutions (H × V)\$MP(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 RateNormal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944Mechanical67(W) × 71(H) × 73(D) mmWeight230gCasing MaterialAluminum alloy	Number of Streams	•
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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 × V) SMP(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 Mechanical 0 Dimension 67(W) × 71(H) × 73(D) mm Weight 230g Casing Material Aluminum alloy	Network Security	
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AccessMultiple user access levels with password protectionUser accounts10 user accounts availableMulti IP AddressYesVideo Resolutions (H × V)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 RateNormal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944Mechanical230gCasing MaterialAluminum alloy	Authentication	•
User accounts 10 user accounts available Multi IP Address Yes Video Resolutions (H x V) 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 Mechanical 230g Dimension 67(W) × 71(H) × 73(D) mm Weight 230g Casing Material Aluminum alloy	Address Filter	IP address filter, MAC address filter
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Maximum Frame RateNormal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944MechanicalDimension67(W) × 71(H) × 73(D) mmWeight230gCasing MaterialAluminum alloy		
HDR mode: up to 25 tps @ 2592 × 1944 Mechanical Dimension 67(W) × 71(H) × 73(D) mm Weight 230g Casing Material Aluminum alloy	Resolution	1536), 3MP(2304 × 1296), 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720
Dimension67(W) × 71(H) × 73(D) mmWeight230gCasing MaterialAluminum alloy		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) Normal mode: up to 25 fps @ 2592 × 1944
Weight 230g Casing Material Aluminum alloy	Maximum Frame Rate	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) Normal mode: up to 25 fps @ 2592 × 1944
Casing Material Aluminum alloy	Maximum Frame Rate	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) Normal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944
	Maximum Frame Rate Mechanical Dimension	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) Normal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944 67(W) × 71(H) × 73(D) mm
Window Ø42.5 Heat Resistant Glass	Maximum Frame Rate Mechanical Dimension Weight	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) Normal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944 67(W) × 71(H) × 73(D) mm 230g
	Maximum Frame Rate Mechanical Dimension Weight Casing Material	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) Normal mode: up to 25 fps @ 2592 × 1944 HDR mode: up to 25 fps @ 2592 × 1944 67(W) × 71(H) × 73(D) mm 230g Aluminum alloy

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Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule
White Balance	ATW-NARROW / ATW-WIDE / AWC(MANUAL)
Back Light	Yes
Compensation 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
High Dynamic Range	Up to 120dB (by HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 zones)
	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror,
Image Effects	Flip, Rotation, Overexposure Reduction
EV (Exposure Value)	Adjustable
Lens distorsion	Yes
correction (LDC)	
Integration	
Mobile Application	Integrated to LILIN mobile app (LILIN Pro) iPhone,
	iPad, Android support
Video Management	ONVIF Profile S / ONVIF Profile T / IVS events, LILIN Navigator Enterprise 5.0 support, Third party VMS through
	LILIN HTTP API
Maintenance	Firmware update via HTTP and IP Scan; Firmware
maintendrice	available at website
IV/C Decis 1.0	Motion Detection, Tampering Detection, Advanced Motion
IVS Basic 1.0	Detection, Traffic Light Detection, Tripwire Detection, Object Counting
IVS Advanced 2.1	Unattended Object Detection, Missing Object Detection,
(Optional)	Crowd Detection, Loitering Detection, Face Detection
IVS Advanced 2.2	Detection Zone for Car and Human
(Optional)	
Event Triggers	Motion / Tamper / Audio / Network lost detection / SmartEvent
	Shartzvent
Event actions	ETP / SMTP / HTTP post / SAMBA / SMTP Trap
Event actions	FTP / SMTP / HTTP post / SAMBA / SMTP Trap English, Traditional Chinese, Simplified Chinese, Spanish,
Event actions Languages	FTP / SMTP / HTTP post / SAMBA / SMTP Trap English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic,
	English, Traditional Chinese, Simplified Chinese, Spanish,
	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Languages	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic,
Languages Network	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese
Languages Network Ethernet ePTZ & Digital Zoom	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera
Languages Network Ethernet	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user
Languages Network Ethernet ePTZ & Digital Zoom OSD	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data
Languages Network Ethernet ePTZ & Digital Zoom	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user
Languages Network Ethernet ePTZ & Digital Zoom OSD	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS,
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP V1/V2/V3, SNMP Trap and heart beat, NTP,
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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,
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP V1/V2/V3, SNMP Trap and heart beat, NTP,
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Network Protocols Max number of online users	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Network Protocols Max number of online users Video Display	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Network Protocols Max number of online users Video Display Watermark	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Network Protocols Max number of online users Video Display Watermark Log	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Network Protocols Max number of online users Video Display Watermark Log Schedule	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Network Protocols Max number of online users Video Display Watermark Log	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Network Protocols Max number of online users Video Display Watermark Log Schedule	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS)
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Network Protocols Max number of online users Video Display Watermark Log Schedule Network Storage	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS)
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Ketwork Protocols Max number of online users Video Display Watermark Log Schedule Network Storage Power and Environment Starting Temperature Operating	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS)
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Ketwork Protocols Watermark Log Schedule Network Storage Power and Environmen Starting Temperature Operating Temperature	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS) t -10°C - +50°C (14°F - 122°F) -40°C - +50°C (-40°F - 122°F)
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Ketwork Protocols Max number of online users Video Display Watermark Log Schedule Network Storage Power and Environmen Starting Temperature Operating Temperature Storage Temperature	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS) t -10°C - +50°C (14°F - 122°F) -40°C - +50°C (-40°F - 122°F)
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS CPU, Memory OS Max number of online users Video Display Watermark Log Schedule Network Storage Power and Environmen Starting Temperature Operating Temperature Storage Temperature Humidity	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS) t -10°C - +50°C (14°F - 122°F) -40°C - +50°C (-40°F - 122°F) -25°C - +60°C (-13°F - 140°F) 0% - 90% RH
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS CPU, Memory OS Max number of online users Video Display Watermark Log Schedule Network Storage Power and Environment Starting Temperature Operating Temperature Storage Temperature Humidity Power Supply	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS) t -10°C - +50°C (14°F - 122°F) -40°C - +50°C (-13°F - 140°F) 0% - 90% RH DC12V ±10% / PoE (IEEE 802.3af compliant)
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS Ketwork Protocols Max number of online users Video Display Watermark Log Schedule Network Storage Power and Environment Starting Temperature Operating Temperature Storage Temperature Humidity	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS) t -10°C - +50°C (14°F - 122°F) -40°C - +50°C (-40°F - 122°F) -25°C - +60°C (-13°F - 140°F) 0% - 90% RH
Languages Network Ethernet ePTZ & Digital Zoom OSD CPU, Memory OS CPU, Memory OS Max number of online users Video Display Watermark Log Schedule Network Storage Power and Environment Starting Temperature Operating Temperature Storage Temperature Humidity Power Supply	English, Traditional Chinese, Simplified Chinese, Spanish, Italian, Turkish, Russian, Korean, French, Arabic, Hungarian, Japanese 10/100 Mbps Base-T, RJ-45 Yes, ROI (Region of Interest) Position configurable text overlay for date, time, camera ID, event status and watermark with customizable user demand data Embedded SoC ARM Cortex-A9, 816MHz, 512MB DDR3L, 256MB flash memory Embedded Linux 3.10 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 10 simultaneous users LILIN Universal ActiveX , LILIN Java Applet BMP logo Event & operation log & IVS event log Support holiday list NAS (Support SAMBA/CIFS) t -10°C - +50°C (14°F - 122°F) -40°C - +50°C (-13°F - 140°F) 0% - 90% RH DC12V ±10% / PoE (IEEE 802.3af compliant)

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