

IPOB-EL3MPIR100L2712-W

3 Megapixel Elite Series Varifocal IP Network Bullet Security Camera

This is a 3MP IP Vandal Dome. The most powerful feature of this Indoor/Outdoor Vandal dome is its detail when connected to one of our NVRs. The picture size is 2048 x 1536 pixels, which gives you the ability to zoom in and see detail without distortion.

- On Screen Display
- Wide Dynamic Range
- Back Light Compensation
- Headlight Compensation

Megapixels:	3MP
Image Resolutions:	3MP(2048x1536) / 2MP(1920x1080) / 1.3M(1280x960) / 720P(1280x720) / D1(704x576/704x480)
Image Sensor:	1/3-inch CMOS
Min Illumination:	0.01 Lux@F1.2
LEDs:	18
IR Distance:	100ft
OSD:	Yes
Operating Temperature	+22F to +140
Dimension:	7x7x14
Power:	DC 12V/PoE

1.3 Specifications

1.3.1 Performance

Please refer to the following sheet for network camera performance specification.

Model					
Parameter					
System	Main Processor	High performance DSP			
	OS	Embedded LINUX			
	System Resources	Support real-time network, local record, and remote operation at the same time.			
	User Interface	Remote operation interface such as WEB, DSS, PSS			
	System Status	Micro SD card status, bit stream statistics, log, and software version.			
Video Parameter	Image Sensor	1/3.0-inch CMOS	1/2.9-inch CCD		
	Pixel	1280(H)*960(V)	1920(H)*1080(V)		
	Day/Night Mode	Support day/night mode switch and IR-CUT at the same time.			
	Auto Aperture	Enable			
	Gain Control	Fixed/Auto			
	White Balance	Manual/Auto			
	BLC	Off/BLC(default or custom)/WDR (0-100 adjustable)/HLC(0-100 adjustable)			
	Exposure Mode	Manual/Auto It ranges from 1/3 to 1/100000.			
	Video Compression Standard	H.264/H.264H/MJPEG			
	Video Frame Rate	PAL: Main stream (1.3M@25fps, 720P@25fps) extra stream (D1@25fps, CIF@25fps)	PAL: Main stream (1080P@25fps), extra stream (D1@25fps, CIF@25fps)		
		NTSC: Main stream (1.3M@30fps, 720P@30fps) extra stream (D1@30fps, CIF@30fps)	NTSC: Main stream (1080P@30fps), extra stream (D1@30fps, CIF@30fps)		
	Video Bit Rate	H.264: 32-8192Kbps adjustable MJPEG: 32-12288Kbps adjustable and bit rate is adjustable.		H.264: 32-8192Kbps adjustable MJPEG: 32-16384Kbps adjustable and bit rate is adjustable. Support customized setup.	

		Support customized setup.		
	Video Flip	Support mirror and flip function.		
	Snapshot	Max 1f/s snapshot. File extension name is JPEG.		
	Privacy Mask	Supports max 4 privacy mask zones		
	Video Setup	Support parameter setup such as bright, contrast.		
	Video Information	Channel title, time title, motion detect, camera masking.		
	Lens	Manual 2.8~12mm @F1.4	Manual 3.3~12mm@F1.4	Motorized 3~9mm@F1.4
	Lens Interface	Φ14. Lens is the default accessories		
Audio	Audio Input	1-channel,RCA		
	Audio Output	1-channel, RCA		
	Bidirectional Talk Input	Reuse the first audio input channel		
	Audio Bit Rate	16kbps 16BIT		
	Audio Compression Standard	G.711A/G.711Mu/PCM		
Video	Motion Detect	396 (18*22) detection zones; sensitivity level ranges from 0 to 100; area threshold ranges from 0 to 100. Activation event: video storage, image snapshot, log, email function and etc.		
Alarm Input		2-channel input,1-channel output		
Record and Backup	Record Priority	Manual>External alarm >Video detect>Schedule		
	Local Storage	Support Micro SD card hot swap		
	Storage Management	Support display local storage status		
Network	Wire Network	1-channel wire Ethernet port, 10/100 Base-T Ethernet		
	Network Protocol	Standard HTTP, TCP/IP, ARP, IGMP, ICMP, RTSP, RTP,UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE, UPNP, NTP, Bonjour, SNMP.		
	Remote Operation	Monitor, system setup, file download, log information, maintenance , upgrade and etc		
AUX Interface	Video Output	1-channel analog video output,BNC port		
	Reset	Reset button		
General Parameter	Power	AC 24V/PoE or DC 12V/PoE		
	Power Consumption	7.5W MAX (-H series≤9W)	8.5W MAX (-H series ≤11.5W, PoE (AT standard))	
	Working Temperature	-30℃~+60℃(-H: -40° ~60°)		
	Working Humidify	≤95%		
	Dimensions(mm)	φ104×306.7		
	Weight	1250g(Excluding box)		
	Installation	Bracket is included as default.		
	IR Distance	20~30m		
	Protection Level	IP66		
Note	Model with “-H” means it has electrical heating, otherwise, it does not			

		have. (Subject to actual product)
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Parameter		Model	IPOB-EL3MPIR100L2712-W	
System	Main Processor		High performance DSP	
	OS		Embedded LINUX	
	System Resources		Support real-time network, local record, and remote operation at the same time.	
	User Interface		Remote operation interface such as WEB, DSS, PSS	
	System Status		Micro SD card status, bit stream statistics, log, and software version.	
Video Parameter	Image Sensor		1/3.0-inch CMOS	
	Pixel		2048(H)*1536(V)	
	Day/Night Mode		Support day/night mode switch and IR-CUT at the same time. (embedded IR-CUT)	
	Auto Aperture		Enable	
	Gain Control		Fixed/Auto	
	White Balance		Manual/Auto	
	BLC		Off/BLC(default or custom)/WDR (0-100 adjustable)/HLC(0-100 adjustable)	
	Exposure Mode		Manual/Auto It ranges from 1/3 to 1/100000, user customize)	
	Video Compression Standard		H.264/H.264H/MJPEG	
	Video Frame Rate		PAL: Main stream (3M@20fps) extra stream (D1@20fps, CIF@20fps); Main stream (1080P@25fps) extra stream (D1@25fps, CIF@25fps)	
			NTSC: Main stream (3M@20fps) extra stream (D1@20fps, CIF@20fps); Main stream (1080P@30fps) extra stream (D1@30fps, CIF@30fps)	
	Video Bit Rate		H.264: 16-8192Kbps adjustable MJPEG: 16-24576Kbps adjustable and bit rate is adjustable. Support customized setup.	
	Video Flip		Support mirror and flip function.	
	Snapshot		Max 1f/s snapshot. File extension name is JPEG.	
	Privacy Mask		Supports max 4 privacy mask zones	
	Video Setup		Support parameter setup such as bright, contrast.	
	Video Information		Channel title, time title, motion detect, camera masking.	
	Lens		Manual 2.7~12mm @F1.4 (subject to actual product)	Motorized 3~9mm@F1.4 (subject to actual product)
	Lens Interface		Φ14. Lens is the default accessories	
Audio	Audio Input		1-channel,RCA	
	Audio Output		1-channel, RCA	

	Bidirectional Talk Input	Reuse the first audio input channel
	Audio Bit Rate	16kbps 16BIT
	Audio Compression Standard	G.711A/G.711Mu/PCM
Video	Motion Detect	396 (18*22) detection zones; sensitivity level ranges from 0 to 100; area threshold ranges from 0 to 100. Activation event: video storage, image snapshot, log, email function and etc.
Alarm Input		2-channel input,1-channel output
Record and Backup	Record Priority	Manual>External alarm >Video detect>Schedule
	Local Storage	Support Micro SD card hot swap
	Storage Management	Support display local storage status
Network	Wire Network	1-channel wire Ethernet port, 10/100 Base-T Ethernet
	Network Protocol	Standard HTTP, TCP/IP, ARP, IGMP, ICMP, RTSP, RTP,UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE, UPNP, NTP, Bonjour, SNMP, QoS, IEEE802, Syslog
	Remote Operation	Monitor, system setup, file download, log information, maintenance , upgrade and etc
AUX Interface	Video Output	1-channel analog video output,BNC port
	Reset	Reset button
General Parameter	Power	AC 24V/PoE or DC 12V/PoE
	Power Consumption	9W MAX (-H series≤11.5W, PoE (AT standard))
	Working Temperature	-30℃~+60℃(-H: -40° ~60°)
	Working Humidity	≤95%
	Dimensions(mm)	φ104×306.7
	Weight	1250g(Excluding box)
	Installation	Bracket is included as default.
	IR Distance	20~30m
	Protection Level	IP66
	Note	Model with “-H” means it has electrical heating, otherwise, it does not have. (Subject to actual product)

Parameter \ Model		
System	Main Processor	High performance DSP
	OS	Embedded LINUX
	System Resources	Support real-time network, local record, and remote operation at the same time.
	User Interface	Remote operation interface such as WEB, DSS, PSS

	System Status	Micro SD card status, bit stream statistics, log, and software version.
Video Parameter	Image Sensor	1/2.5-inch CMOS
	Pixel	2560(H)*1920(V)
	Day/Night Mode	Support day/night mode switch and IR-CUT at the same time. (embedded IR-CUT)
	Auto Aperture	Enable
	Gain Control	Fixed/Auto
	White Balance	Manual/Auto
	BLC	Off/BLC(default or custom)/WDR (0-100 adjustable)/HLC(0-100 adjustable)
	Exposure Mode	Manual/Auto It ranges from 1/3 to 1/1000000)
	Video Compression Standard	H.264/H.264H/MJPEG
	Video Frame Rate	PAL: Main stream (5M@12fps) extra stream (D1@12fps, CIF@12fps); Main stream (1080P@25fps) extra stream (D1@25fps, CIF@25fps)
		NTSC: Main stream (5M@12fps) extra stream (D1@12fps, CIF@12fps); Main stream (1080P@30fps) extra stream (D1@30fps, CIF@30fps)
	Video Bit Rate	H.264: 32-8192Kbps adjustable MJPEG adjustable and bit rate is adjustable. Support customized setup.
	Video Flip	Support mirror and flip function.
	Snapshot	Max 1f/s snapshot. File extension name is JPEG.
	Privacy Mask	Supports max 4 privacy mask zones
	Video Setup	Support parameter setup such as bright, contrast.
	Video Information	Channel title, time title, motion detect, camera masking.
	Lens	Motorized 3~9mm@F1.4 (subject to actual product)
	Lens Interface	Φ14. Lens is the default accessories
Audio	Audio Input	1-channel,RCA
	Audio Output	1-channel, RCA
	Bidirectional Talk Input	Reuse the first audio input channel
	Audio Bit Rate	8kbps 16bit/16kbps 16bit
	Audio Compression Standard	G.711A/G.711Mu/PCM
Video	Motion Detect	396 (18*22) detection zones; sensitivity level ranges from 0 to 100; area threshold ranges from 0 to 100. Activation event: video storage, image snapshot, log, email function and etc.
Alarm Input		2-channel input,1-channel output

Record and Backup	Record Priority	Manual>External alarm >Video detect>Schedule
	Local Storage	Support Micro SD card hot swap
	Storage Management	Support display local storage status
Network	Wire Network	1-channel wire Ethernet port, 10/100 Base-T Ethernet
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	Remote Operation	Monitor, system setup, file download, log information, maintenance , upgrade and etc
AUX Interface	Video Output	1-channel analog video output,BNC port
	Reset	Reset button
General Parameter	Power	AC 24V/PoE or DC 12V/PoE
	Power Consumption	9W MAX (-H series≤11.5W, PoE (AT standard))
	Working Temperature	-30℃~+60℃ (-H series: -40℃~+60℃)
	Working Humidify	≤95%
	Dimensions(mm)	φ104×306.7
	Weight	1250g(Excluding box)
	Installation	Bracket is included as default.
	IR Distance	20~30m
	Protection Level	IP66
	Note	Model with “-H” means it has electrical heating, otherwise, it does not have. (Subject to actual product)