



Megapixel IP cameras



PTZ IP cameras



NVR series



Navigator VMS software

**2015
IP Product Selector**

Intelligent Video Surveillance (IVS)

Advanced Motion Detection

Detect motion and capture the events. Motion in the selected area will provoke an alert. Time of motion in given direction can be detected by simply drawing an arrow on the video.



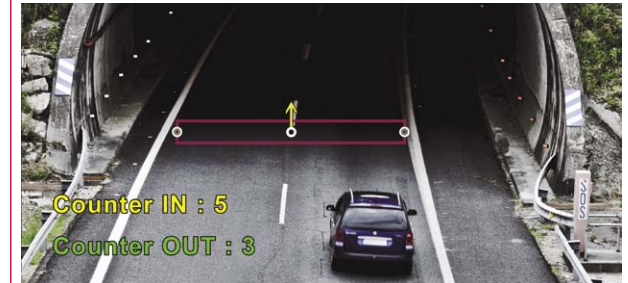
Tripwire Detection

Tripwire Detection can be used where physical security is impractical or even impossible; i.e. railway tracks. An alarm can be enabled in either directions across the tripwire. Line Crossing that an object crossing a line drawn anywhere in the scene can be detected, and also Zone Intrusion that any arbitrary shape zone can be set to monitor intrusion.



Object Counting

Object Counting is able to accurately to input images containing similar objects. Intelligent Object Counting technology includes People Counting feature – people enter or exit an area over time can be counted, as well as Vehicle Counting feature – to detect and track vehicle in real-time.



Detection features

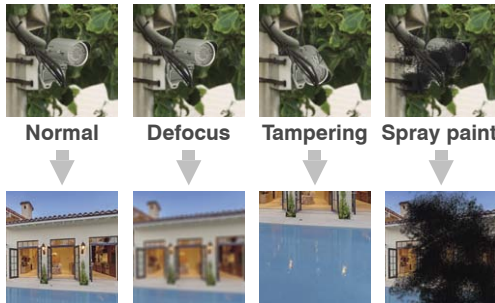
Face Detection

Automatically detects a human face



Tampering Detection

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



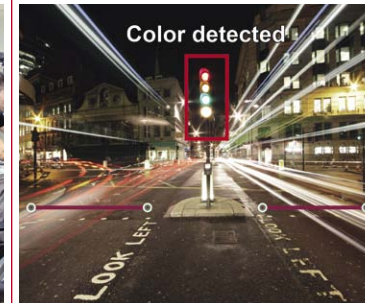
Audio Detection

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



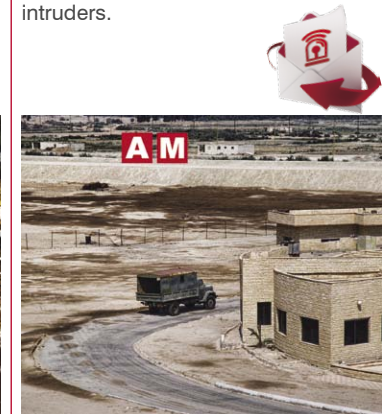
Spectrum Detection

Color-based Spectrum Detection is capable of varying illumination spectrum. With Spectrum Detection's aid, law enforcement is able to identify vehicles run the red lights.



Alarm Detection

Alarm Detection is designed to provide the electronic detection of intruders.



Other features

ANPR – license plate recognition

Automatic Number Plate Recognition (ANPR) enables you to make positive identifications and view license plate number of a vehicle. ANPR technology is available in Australia, Canada, China, Saudi Arabia, United States, and most European countries.



ANPR



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.

ON

OFF



Sense Up+

Deliver outstanding video outputs in poor light conditions without experiencing motion blur.

OFF

ON

PLUS ON



WDR – Wide Dynamic Range

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.

ON

OFF



ONVIF compliant

Open Network Video Interface Forum (ONVIF) is a standard for physical IP based security products. LILIN IP cameras are ONVIF Profile S conformant – dome cameras, box cameras, and bullet cameras.



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.

ON



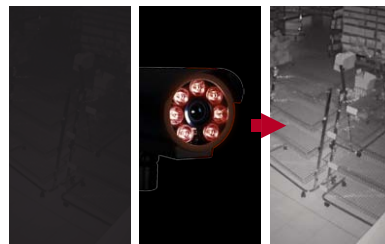
IR Illumination

LILIN offers IP cameras with infrared (IR) illumination where IR LEDs are built-in. Built-in with IR LED, the camera provides night vision up to 70 meters.

OFF

IR

ON



ROI – Region of Interest

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.

ON

OFF



4K Ultra HD IP camera

4K Ultra HD (UHD) IP camera features 30 fps and 3,840 by 2,160 pixel picture which allowing outstanding resolution outputs. LILIN's 4K UHD camera, UHG1182, enhances High Definition (HD) images by providing 4 times HD picture with beautifully natural detail and astonishing saturated colors.

4K ULTRA



120 fps ultra high frame rate IP camera

The 120 fps frame rate allows the footage to be conformed to typical video playback speeds of 30 fps for 4X slow motion with a definite smooth effect. LILIN UFG1122 – 120 fps at 1,080P IP camera supports 120 high frame rate is capable of seize every moment with the ability to capture all detail with absolute clear resolution outputs.



Ultra Series IP Camera			S Series IP Camera			
Number	UHG1182	UFG1122	SG1122	SR7424X SR7428X	SR7022	SD2222
Resolution	4K / 8MP (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P
Lens	-	-	-	3.3 – 12mm	4mm	4mm
Iris	-	-	-	F1.4	F1.6	F1.6
Angle of view (H)	-	-	-	79.3° – 29.8°	84.8°	84.8°
Pick up element	1/2.3" CMOS	1/2.86" MOS	1/2.86" MOS	1/2.86" MOS	1/2.86" MOS	1/2.86" MOS
Effective pixels	4168 x 3062	1952 x 1266	1952 x 1266	1952 x 1266	1952 x 1266	1952 x 1266
Min. illumination	0.1 Lux at F1.2 (Low light mode)	0.05 Lux at F1.2 (Low light mode)	0.05 Lux at F1.2 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.6 Lux at F1.6
FPS at max. resolution	30FPS	120FPS	60FPS	60FPS	60FPS	60FPS
Max. IR distance	-	-	-	45M	30M	-
Compression	H.264 Main / High Profile , Motion JPEG	H.264 Main / High Profile , Motion JPEG	H.264 Main / High Profile , Motion JPEG	H.264 Main / High Profile , Motion JPEG	H.264 Main / High Profile , Motion JPEG	H.264 Main / High Profile , Motion JPEG
Streams	4	4	4	4	4	4
Sense Up +	Y	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y	Y
HDR	-	Y (Up to 120 dB)	Y (Up to 120 dB)	Y (Up to 120 dB)	Y (Up to 120 dB)	Y (Up to 120 dB)
2D WDR	Y	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
Digital I/O	1/1	1/1	1/1	1/1	-	-
IP / vandal rating	- / -	- / -	- / -	IP66 / -	IP66 / -	- / -
Operating temperature	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)
Power supply	DC12V PoE	DC12V PoE	DC12V PoE	AC24V / AC100–240V PoE+	DC12V PoE	DC12V PoE
Power consumption	DC12V, 7.2W PoE, 8W	DC12V, 7.2W PoE, 8W	DC12V, 7.2W PoE, 8W	15W PoE+, 16.5W	DC12V, 10W PoE, 11W	DC12V, 6W PoE, 6.8W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	2-way	2-way	2-way	-	1-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	-	-	-	-	6mm / F1.8 (0.18 Lux at F1.8)	2.8mm / F1.8 (0.8 Lux at F1.8)
Other	Digital PTZ, Tampering / audio / motion / alarm detection, Micro SD/SDHC/SDXC card Built-in microphone RS-485 supported	Digital PTZ, Tampering / audio / motion / alarm detection, Micro SD/SDHC/SDXC card, Built-in microphone RS-485 supported Defog function	Digital PTZ, Tampering / audio / motion / alarm detection, Micro SD/SDHC/SDXC card, Built-in microphone, RS-485 supported, Defog function	Digital PTZ, Tampering / audio / motion / alarm detection, Micro SD/SDHC/SDXC card, Defog function,	Digital PTZ, Tampering / motion detection, Micro SD/SDHC/SDXC card, Defog function	Digital PTZ, Tampering / audio / motion detection, Micro SD/SDHC/SDXC card, Built-in microphone Defog function







Pro Series IP Camera

						
Number	IPG1052	IPR7334X IPR7338X	IPR434X IPR438X	IPR732	IPR6132X	IPD6132X
Resolution	5MP (D & N)	3MP (D & N)	3MP (D & N)	3MP (D & N)	3MP (D & N)	3MP (D & N)
Lens	-	5 – 50mm	3.3 – 12mm	4.3mm	3.3 – 12mm	3.3 – 12mm
Iris	-	F1.6	F1.4	F1.6	F1.4	F1.4
Angle of view (H)	-	58.8° – 6.5°	79.3° – 29.8°	70°	79.3° – 29.8°	79.3° – 29.8°
Pick up element	1/2.5" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Effective pixels	2592 x 1944	2096 x 1561	2096 x 1561	2096 x 1561	2096 x 1561	2096 x 1561
Min. illumination	0.2 Lux at F1.2 (Low light mode)	0.3 Lux at F1.6 (Low light mode)	0.15 Lux at F1.4 (Low light mode)	0.25 Lux at F1.6 (Low light mode)	0.15 Lux at F1.4 (Low light mode)	0.15 Lux at F1.4 (Low light mode)
FPS at max. resolution	12FPS	15FPS	15FPS	15FPS	15FPS	15FPS
Max. IR distance	-	70M	55M	30M	25M	-
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Streams	4	4	4	4	4	4
Sense Up +	Y	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y	Y
HDR	-	-	-	-	-	-
2D WDR	Y	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
Digital I/O	1/1	1/1	1/1	-	1/1	1/1
IP / vandal rating	- / -	IP66 / -	IP66 / -	IP66 / -	IP67 / IK10	IP67 / IK10
Operating temperature	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)
Power supply	DC12V PoE	AC24V/AC100–240V	AC24V/AC100–240V PoE+	DC12V PoE	DC12V PoE	DC12V PoE
Power consumption	DC12V, 6W PoE, 7.5W	33W(Heater OFF) 40W(Heater On)	17W PoE+, 20W	DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W	DC12V, 6W PoE, 7.5W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	2-way	2-way	-	2-way	2-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	-	-	9 – 22mm (0.15 Lux at F1.4)	6mm / F1.8 (0.3 Lux at F1.8)	-	-
Other	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card Built-in microphone RS-485 supported	Digital PTZ, Face / tampering / audio / motion / alarm detection, SD / SDHC card	Digital PTZ, Face / tampering / audio / motion / alarm detection, SD / SDHC card	Digital PTZ, Face / tampering / motion detection, Micro SD / SDHC card,	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction






Pro Series IP Camera

						
Number	IPG1032X	IPR424X IPR428X	IPR7424X IPR7428X	IPR7722X	IPR722	IPR6122X
Resolution	3MP (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)
Lens	2.8 – 8mm (CS Mount)	3.3 – 12mm	3.3 – 12mm	3.3 – 12mm	4.3mm	3.3 – 12mm
Iris	F1.2	F1.4	F1.4	F1.4	F1.6	F1.4
Angle of view (H)	100.1° – 35.8°	79.3° – 29.8°	79.3° – 29.8°	79.3° – 29.8°	84.8°	79.3° – 29.8°
Pick up element	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Effective pixels	2096 x 1561	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Min. illumination	0.1 Lux at F1.2 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.1 Lux at F1.4 (Low light mode)
FPS at max. resolution	15FPS	30FPS	30FPS	30FPS	30FPS	30FPS
Max. IR distance	-	55M	45M	35M	30M	25M
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Streams	4	4	4	4	4	4
Sense Up +	Y	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y	Y
HDR	-	-	-	-	-	-
2D WDR	Y	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
Digital I/O	1/1	1/1	1/1	1/1	-	1/1
IP / vandal rating	- / -	IP66 / -	IP66 / -	IP66 / -	IP66 / -	IP67 / IK10
Operating temperature	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)
Power supply	DC12V PoE	AC24V / AC100–240V PoE+	AC24V / AC100–240V PoE+	DC12V PoE	DC12V PoE	DC12V PoE
Power consumption	DC12V, 6W PoE, 7.5W	17W PoE+, 20W	14W PoE+, 16W	DC12V, 10.5W PoE, 12W	DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	Phone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	2-way	2-way	2-way	-	2-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	-	-	9 – 22mm (0.1 Lux at F1.4)	-	6mm / F1.8 (0.18 Lux at F1.8)	-
Other	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Built-in microphone	Digital PTZ, Face / tampering / audio / motion / alarm detection, SD / SDHC card	Digital PTZ, Face / tampering / audio / motion / alarm detection, SD / SDHC card	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card	Digital PTZ, Face / tampering / motion / detection, Micro SD / SDHC card	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction







Pro Series IP Camera

						
Number	IPR320X	IPR2322X	IPR7922	IPR2122	IPR2522	IPD6122X
Resolution	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)
Lens	3.3 – 12mm	3.3 – 12mm	4mm	4.3 mm	4.3 mm	3.3 – 12mm
Iris	F1.4	F1.4	F1.6	F1.6	F1.6	F1.4
Angle of view (H)	79.3° – 29.8°	79.3° – 29.8°	84.8°	84.8°	84.8°	79.3° – 29.8°
Pick up element	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Effective pixels	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Min. illumination	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.1 Lux at F1.4 (Low light mode)
FPS at max. resolution	30FPS	30FPS	30FPS	30FPS	30FPS	30FPS
Max. IR distance	25M	25M	20M	16M	10M	-
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Streams	4	4	4	4	4	4
Sense Up +	Y	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y	Y
HDR	-	-	-	-	-	-
2D WDR	Y	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
Digital I/O	-	1/1	-	-	1/1	1/1
IP / vandal rating	IP66 / IK7	- / -	IP67 / -	- / -	- / -	IP67 / IK10
Operating temperature	-40°C – +50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)
Power supply	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE
Power consumption	DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W	DC12V, 5.6W PoE, 6.5W	DC12V, 7.5W PoE, 8.5W	DC12V, 7.5W PoE, 8.5W	DC12V, 6W PoE, 7.5W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	-	2-way	-	-	2-way	2-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	-	-	6mm / F1.8 (0.18 Lux at F1.8)	6mm / F1.8 (0.18 Lux at F1.8)	6mm / F1.8 (0.18 Lux at F1.8)	-
Other	Digital PTZ, Face / tampering / motion / alarm detection	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Ceiling & embedded mount, 3-Axis construction	Digital PTZ, Face / tampering / motion / alarm detection, Micro SD / SDHC card	Digital PTZ, Face / tampering / motion detection, 3-Axis construction	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction







Pro Series IP Camera

					
Number	IPD2322X	IPD2122	IPD6220 (M12) IPD6222 (RJ-45)	IPD2220	IPG1022X
Resolution	1080P (D & N)	1080P (D & N)	1080P	1080P	1080P (D & N)
Lens	3.3 – 12mm	4.3mm	4.3mm	4.3mm	3 – 10.5mm (CS Mount)
Iris	F1.4	F1.6	F1.6	F1.6	F1.4
Angle of view (H)	79.3° – 29.8°	84.8°	84.8°	84.8°	105.6° – 28.4°
Pick up element	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Effective pixels	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Min. illumination	0.1 Lux at F1.4 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.6 Lux at F1.6	0.6 Lux at F1.6	0.1 Lux at F1.4 (Low light mode)
FPS at max. resolution	30FPS	30FPS	30FPS	30FPS	30FPS
Max. IR distance	-	-	-	-	-
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Streams	4	4	4	4	4
Sense Up +	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y
HDR	-	-	-	-	-
2D WDR	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones
Digital I/O	1/1	-	-	-	1/1
IP / vandal rating	- / -	- / -	IP67 / IK8	- / -	- / -
Operating temperature	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-40°C – +55°C (-40°F – 131°F)	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)
Power supply	DC12V PoE	DC12V PoE	PoE (IPD6220) DC12V / PoE (IPD6222)	DC12V PoE	DC12V PoE
Power consumption	DC12V, 6W PoE, 7.5W	DC12V, 5W PoE, 6W	PoE, 5W (IPD6220) DC12V, 4.5W / PoE, 5W (IPD6222)	DC12V, 4.5W PoE, 5W	DC12V, 6W PoE, 7.5W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	-	1-way	1-way	2-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	-	6mm / F1.8(0.18 Lux at F1.8)	2.8mm / F1.8 (0.8 Lux at F1.8)	2.8mm / F1.8 (0.8 Lux at F1.8)	-
Other	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Ceiling & embedded mount, 3-Axis construction	Digital PTZ, Face / tampering / motion detection, 3-Axis construction,	Digital PTZ, Face / tampering / audio / motion detection, Micro SD / SDHC card, Built-in microphone, EN50155 (IPD6220)	Digital PTZ, Face / tampering / audio / motion detection, Micro SD / SDHC card, Built-in microphone	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Built-in microphone

IVS Series IP Camera

						
Number	IPR7424-IVS	IPR722-IVS	IPR6122-IVS	IPD2220-IVS	IPG1022-IVS	ZR6122-IVS
Resolution	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P	1080P (D & N)	1080P (D & N)
Lens	3.3 – 12mm	4.3mm	3.3 – 12mm	4.3mm	3 – 10.5mm (CS Mount)	3 – 10.5mm
Iris	F1.4	F1.6	F1.4	F1.6	F1.4	F1.4
Angle of view (H)	79.3° – 29.8°	84.8°	79.3° – 29.8°	84.8°	105.6° – 28.4°	91.2° – 25.5°
Pick up element	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Effective pixels	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Min. illumination	0.1 Lux at F1.4 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.6 Lux at F1.6	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)
FPS at max. resolution	30FPS	30FPS	30FPS	30FPS	30FPS	30FPS
Max. IR distance	45M	30M	25M	-	-	25M
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Streams	4	4	4	4	4	4
Sense Up +	Y	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y	Y
HDR	-	-	-	-	-	-
2D WDR	Y	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
Intelligent Video Surveillance	Advanced Motion / Board Zone / Semaphore+Board Zone / Object Counting					
Digital I/O	1/1	-	1/1	-	1/1	1/1
IP / vandal rating	IP66 / -	IP66 / -	IP67 / IK10	- / -	- / -	IP67 / IK10
Operating temperature	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)
Power supply	AC24V PoE+	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE
Power consumption	14W PoE+, 16W	DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W	DC12V, 4.5W PoE, 5W	DC12V, 6W PoE, 7.5W	DC12V, 10W PoE, 11.2W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	-	2-way	1-way	2-way	2-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	-	-	-	-	-	-
Other	Digital PTZ, Face / tampering / audio / motion / alarm detection, SD / SDHC card	Digital PTZ, Face / tampering / motion / detection, Micro SD / SDHC card	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction	Digital PTZ, Face / tampering / audio / motion detection, Micro SD / SDHC card, Built-in microphone	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Built-in microphone	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction, Zoom / focus motorized








Z Series IP Camera (Auto Focus)

						
Number	ZG1232X	ZR7424X ZR7428X	ZR6122X	ZR2322X	ZD6122X	ZD2322X
Resolution	3MP (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)
Lens	3.1 – 9 mm (CS Mount)	3 – 10.5mm	3 – 10.5mm	3 – 10.5mm	3 – 10.5mm	3 – 10.5mm
Iris	F1.3	F1.4	F1.4	F1.4	F1.4	F1.4
Angle of view (H)	99.4° – 34.8°	91.2° – 25.5°	91.2° – 25.5°	91.2° – 25.5°	91.2° – 25.5°	91.2° – 25.5°
Pick up element	1/2.8" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Effective pixels	2096 x 1561	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Min. illumination	0.15 Lux at F1.3 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)
FPS at max. resolution	15FPS	30FPS	30FPS	30FPS	30FPS	30FPS
Max. IR distance	-	45M	25M	25M	-	-
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Streams	4	4	4	4	4	4
Sense Up +	Y	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y	Y
HDR	-	-	-	-	-	-
2D WDR	Y	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
Digital I/O	1/1	1/1	1/1	1/1	1/1	1/1
IP / vandal rating	-	IP66 / -	IP67 / IK10	- / -	IP67 / IK10	- / -
Operating temperature	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)
Power supply	DC12V PoE	AC24V PoE+	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE
Power consumption	DC12V, 7W PoE, 8W	15W PoE+, 17W	DC12V, 10W PoE, 11.2W	DC12V, 10W PoE, 11.2W	DC12V, 8W PoE, 9.5W	DC12V, 8W PoE, 9.5W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	2-way	2-way	2-way	2-way	2-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	-	-	-	-	-	-
Other	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Built-in microphone RS-485 supported Auto Back Focus (One Push)	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Zoom / focus motorized	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction, Zoom / focus motorized	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Ceiling & embedded mount, 3-Axis construction, Zoom / focus motorized	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction, Zoom / focus motorized	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Ceiling & embedded mount, 3-Axis construction, Zoom / focus motorized

L Series IP Camera

Number	LR7224X LR7228X	LR7424X LR7428X	LR7722X	LR7022	LR6122X	LR6022X	LR2322X
Resolution	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)
Lens	3.3 – 12 mm	3.3 – 12 mm	3.3 – 12 mm	4mm	3.3 – 12 mm	3.3 – 12mm	3.3 – 12mm
Iris	F1.4	F1.4	F1.4	F1.6	F1.4	F1.4	F1.4
Angle of view (H)	79.3° – 29.8°	79.3° – 29.8°	79.3° – 29.8°	84.8°	79.3° – 29.8°	79.3° – 29.8°	79.3° – 29.8°
Pick up element	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Effective pixels	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Min. illumination	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)
FPS at max. resolution	15FPS	15FPS	15FPS	15FPS	15FPS	15FPS	15FPS
Max.IR distance	55M	45M	35M	30M	25M	25M	25M
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Streams	3	3	3	3	3	3	3
Sense Up +	Y	Y	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y	Y	Y
HDR	-	-	-	-	-	-	-
2D WDR	Y	Y	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
Digital I/O	1/1	1/1	1/1	-	1/1	-	1/1
IP / vandal rating	IP66 / -	IP66 / -	IP66 / -	IP66 / -	IP67 / IK10	IP66 / IK7	- / -
Operating temperature	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)
Power supply	AC24V / AC100–240V PoE+	AC24V / AC100–240V PoE+	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE
Power consumption	17W PoE+, 20W	14W PoE+, 16W	DC12V, 10.5W PoE, 12W	DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	2-way	2-way	-	2-way	-	2-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	-	-	-	6mm / F1.8 (0.18 Lux at F1.8)	-	-	-
Other	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card	Digital zoom, Motion detection Micro SD / SDHC card	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction	Digital zoom, Motion detection,	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card, Ceiling & embedded mount, 3-Axis construction

L Series IP Camera

							
Number	LR7922	LR2122	LR2522	LD6122X	LD2322X	LD2122	LD2222
Resolution	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P	1080P
Lens	4mm	4mm	4mm	3.3 – 12mm	3.3 – 12mm	4mm	4 mm
Iris	F1.6	F1.6	F1.6	F1.4	F1.4	F1.6	F1.6
Angle of view (H)	84.8°	84.8°	84.8°	79.3° – 29.8°	79.3° – 29.8°	84.8°	84.8°
Pick up element	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Effective pixels	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Min. illumination	0.15 Lux at F1.6 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.15 Lux at F1.6 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.1 Lux at F1.4 (Low light mode)	0.6 Lux at F1.6	0.6 Lux at F1.6
FPS at max. resolution	15FPS	15FPS	15FPS	15FPS	15FPS	15FPS	15FPS
Max.IR distance	20M	16M	10M	-	-	-	-
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Streams	3	3	3	3	3	3	3
Sense Up +	Y	Y	Y	Y	Y	Y	Y
3D noise reduction	Y	Y	Y	Y	Y	Y	Y
HDR	-	-	-	-	-	-	-
2D WDR	Y	Y	Y	Y	Y	Y	Y
Privacy masking	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones	4 zones
Digital I/O	-	-	1/1	1/1	1/1	-	-
IP / vandal rating	IP67 / -	- / -	- / -	IP67 / IK10	- / -	- / -	- / -
Operating temperature	- 40°C – + 50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)	-25°C – +50°C (-13°F – 122°F)
Power supply	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE
Power consumption	DC12V, 5.6W PoE, 6.5W	DC12V, 7.5W PoE, 8.5W	DC12V, 7.5W PoE, 8.5W	DC12V, 6W PoE, 7.5W	DC12V, 6W PoE, 7.5W	DC12V, 5W PoE, 6W	DC12V, 4.5W PoE, 5W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	-	-	2-way	2-way	2-way	-	1-way
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Lens options	6mm / F1.8 (0.18 Lux at F1.8)	6mm / F1.8 (0.18 Lux at F1.8)	6mm / F1.8 (0.18 Lux at F1.8)	-	-	6mm / F1.8 (0.8 Lux at F1.8)	2.8mm / F1.8 (0.8 Lux at F1.8)
Other	Digital zoom, Motion detection, Micro SD / SDHC card	Digital zoom, Motion detection, 3-Axis construction	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card, Ceiling & embedded mount, 3-Axis construction	Digital zoom, Motion detection, 3-Axis construction	Digital zoom, Audio / motion detection, Micro SD / SDHC card, Built-in microphone

L Series IP Camera		Panorama IP camera		Covert Series IP Camera	
Number	LB1022X	Number	FD2452 FD2452V	Number	IPC0122
Resolution	1080P (D & N)	Resolution	1080P (D & N)	Resolution	1080P
Lens	3 – 10.5mm (CS Mount)	Lens	1.05 mm	Lens	3.7 mm
Iris	F1.4	Iris	F2.8	Iris	F2.8
Angle of view (H)	105.6° – 28.4°	Angle of view (H)	185°	Angle of view (H)	100°
Pick up element	1/2.7" CMOS	Pick up element	1/2.5" CMOS	Pick up element	1/2.7" CMOS
Effective pixels	1920 x 1080	Effective pixels	2592 x 1944	Effective pixels	1920 x 1080
Min. illumination	0.1 Lux at F1.4 (Low light mode)	Min. illumination	0.7 Lux at F2.8 (Low light mode)	Min. illumination	1.5 Lux at F2.8
FPS at max. resolution	15FPS	FPS at max. resolution	30FPS	FPS at max. resolution	30FPS
Max.IR distance	-	360 degree view	Y	Max.IR distance	-
Compression	H.264, Motion JPEG	Compression	H.264, Motion JPEG	Compression	H.264, Motion JPEG
Streams	3	Streams	4	Streams	4
Sense Up +	Y	Sense Up +	-	Sense Up +	Y
3D noise reduction	Y	3D noise reduction	Y	3D noise reduction	Y
HDR	-	HDR	-	HDR	-
2D WDR	Y	2D WDR	Y	2D WDR	Y
Privacy masking	4 zones	Privacy masking	4 zones	Privacy masking	4 zones
Digital I/O	1/1	Digital I/O	1/1	Digital I/O	2/1
IP / vandal rating	- / -	IP / vandal rating	IP54 / IK8 (FD2452V)	IP / vandal rating	- / -
Operating temperature	-25°C – +50°C (-13°F – 122°F)	Operating temperature	-25°C – +50°C (-13°F – 122°F)	Operating temperature	-25°C – +50°C (-13°F – 122°F)
Power supply	DC12V PoE	Power supply	DC12V PoE	Power supply	DC12V PoE
Power consumption	DC12V, 6W PoE, 7.5W	Power consumption	DC12V, 8W PoE, 9.2W	Power consumption	DC12V, 6W PoE, 7.5W
Mobile phone	iPhone, iPad, Android	Mobile phone	iPhone, iPad, Android	Mobile phone	iPhone, iPad, Android
Audio capability	2-way	Audio capability	2-way	Audio capability	2-way
ONVIF	Profile S	ONVIF	Profile S	ONVIF	Profile S
Lens options	-	Lens options	-	Lens options	-
Other	Digital zoom, Audio / motion / alarm detection, Micro SD / SDHC card, Built-in microphone	Other	ePTZ, Audio / motion / alarm detection, Micro SD / SDHC card, Built-in microphone Optional : BCD01S (Ceiling-mount base) Independent view angle : 4	Other	Digital PTZ , Tampering / Audio / Motion detection alarm, Micro SD / SDHC card, Small size (module : Ø25x32mm)

PTZ IP Camera

						
Number	IPS4304E IPS4308E	IPS4204E IPS4208E	IPS5300E	IPS5304 IPS5308	IPS5200E	IPS5204 IPS5208
Resolution	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)
Lens zoom ratio	30 X Optical	20X Optical	30 X Optical	30 X Optical	20X Optical	20X Optical
Focal Length	4.4mm – 132.0mm	4.7mm – 94mm	4.4mm – 132.0mm	4.4mm – 132.0mm	4.7 mm – 94 mm	4.7 mm – 94 mm
Pick up element	1/3 Type CMOS	1/2.8 Type CMOS	1/3 Type CMOS	1/3 Type CMOS	1/2.8 Type CMOS	1/2.8 Type CMOS
Effective pixels	1944 × 1092	1944 × 1224	1944 × 1092	1944 × 1092	1944 × 1224	1944 × 1224
Min. illumination	ICR-OFF 0.1 Lux / F1.4(Wide) ICR-ON 0.01 Lux / F1.4(Wide)	ICR-OFF 0.1 Lux / F1.6(Wide) ICR-ON 0.01 Lux / F1.6(Wide)	ICR-OFF 0.1 Lux / F1.4(Wide) ICR-ON 0.01 Lux / F1.4(Wide)	ICR-OFF 0.1 Lux / F1.4(Wide) ICR-ON 0.01 Lux / F1.4(Wide)	ICR-OFF 0.1 Lux / F1.6(Wide) ICR-ON 0.01 Lux / F1.6(Wide)	ICR-OFF 0.1 Lux / F1.6(Wide) ICR-ON 0.01 Lux / F1.6(Wide)
Iris range	F1.4 – 32, close	F1.6 – 36.2, close	F1.4 – 32, close	F1.4 – 32, close	F1.6 – 36.2, close	F1.6 – 36.2, close
FPS at max. resolution	30FPS	30FPS	30FPS	30FPS	30FPS	30FPS
Max. IR distance	-	-	-	-	-	-
Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Digital zoom ratio	12X	12X	12X	12X	12X	12X
Sense Up	Y	Y	Y	Y	Y	Y
Electronic shutter speed	Y	Y	Y	Y	Y	Y
Digital noise reduction	Y	Y	Y	Y	Y	Y
Wide dynamic range	Y	Y	Y	Y	Y	Y
Back light compensation	Y	Y	Y	Y	Y	Y
Enhanced Intensity	Y	-	Y	Y	-	-
Defog	Y	-	Y	Y	-	-
Electronic Image Stabilization	Y	-	Y	Y	-	-
Privacy masking	16 zones	8 zones	16 zones	16 zones	8 zones	8 zones
Preset	128	128	128	128	128	128
Alarm I/O	6/2	6/2	6/2	6/2	6/2	6/2
Schedule setting	Y	Y	Y	Y	Y	Y
IP rating	IP66	IP66	-	-	-	-
Operating temperature	-40°C – +50°C (-40°F – 122°F) -10°C – +50°C (14°F – 122°F) POE +	-40°C – +50°C (-40°F – 122°F) / AC -10°C – +50°C (14°F – 122°F) / PoE+	-10°C – +50°C (14°F – 122°F)	-10°C – +50°C (14°F – 122°F)	-10°C – +50°C (14°F – 122°F)	-10°C – +50°C (14°F – 122°F)
Power supply	AC24V AC100–240V PoE+	AC24V AC100–240V PoE+	- PoE+	AC24V AC100–240V -	- PoE+	AC24V AC100–240V -
Power consumption	AC24V, 37W (with Heater) AC100–240V, 48W (with Heater), PoE+, 14W	AC24V, 37W (with Heater) AC100–240V, 48W (with Heater), PoE+, 14W	PoE+, 14W	AC24V, 15.5W AC100–240V, 16W	PoE+, 14W	AC24V, 15.5W AC100–240V, 16W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	2-way	2-way	2-way	2-way	2-way
Micro SD/SDHC/SDXC card	Y	Y	Y	Y	Y	Y
ONVIF	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S




PTZ IP Camera						
Number	IPS3102E	IPS2102E	Number	IPS8364N / IPS8368N IPS8364P / IPS8368P	IPS8264P / IPS8268P	IPS9364N / IPS9368N IPS9364P / IPS9368P
Resolution	1080P (D & N)	1080P (D & N)	Resolution	960H(D & N)	960H(D & N)	960H(D & N)
Lens zoom ratio	10X Optical	10X Optical	Lens zoom ratio	36X Optical	26X Optical	36X Optical
Focal Length	4.9 mm – 49 mm	4.9 mm – 49 mm	Focal length	3.3mm – 119mm	3.2mm – 83.2mm	3.3mm – 119mm
Pick up element	1/3" MOS Sensor	1/3" MOS Sensor	Pick up element	Sony 1/4" 960H	Sony 1/4" 960H	Sony 1/4" 960H
Effective pixels	1944 x 1092	1944 x 1092	Effective pixels	976 x 494 (NTSC) 976 x 582 (PAL)	976 x 582 (PAL)	976 x 494 (NTSC) 976 x 582 (PAL)
Min. illumination	Color : 0.5 Lux at F1.8 Mono : 0.1 Lux at F1.8	Color : 0.5 Lux at F1.8 Mono : 0 Lux (IR ON)	Min. illumination	0.1 Lux at F1.4	0.2 Lux at F1.6	0.1 Lux at F1.4
Iris range	F1.8 – F16, close	F1.8 – F16, close	Iris range	F1.4 – 32, close	F1.6 – 32, close	F1.4 – 32, close
FPS at max. resolution	30FPS	30FPS	FPS at max. resolution	30/25 FPS	30/25 FPS	30/25 FPS
Max. IR distance	-	16M	Max. IR distance	-	-	-
Compression	H.264, Motion JPEG	H.264, Motion JPEG	Compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Digital zoom ratio	64X	64X	Digital zoom ratio	256X	256X	256X
Sense Up	Y	Y	Sense Up	-	-	-
Electronic shutter speed	Y	Y	Electronic shutter speed	Y	Y	Y
Digital noise reduction	Y	Y	Digital noise reduction	2D+3D	2D+3D	2D+3D
Wide dynamic range	Y	Y	Wide dynamic range	Y	Y	Y
Back light compensation	Y	Y	Back light compensation	BLC+HLC	BLC+HLC	BLC+HLC
Privacy masking	8 zones	8 zones	Privacy masking	8 zones	8 zones	8 zones
Enhanced Intensity	-	-	Horizontal resolution	650 TV Lines	650 TV Lines	650 TV Lines
Defog	-	-	Defog	-	-	-
Electronic Image Stabilization	-	-	Electronic Image Stabilization	-	-	-
Preset	128	128	Preset	128	128	128
Alarm I/O	-	-	Alarm I/O	3/1	3/1	3/1
Schedule setting	Y	Y	Schedule setting	Y	Y	Y
IP rating	-	-	IP rating	IP66	IP66	-
Operating temperature	-10°C – + 50°C (14°F – 122°F)	-10°C – + 50°C (14°F – 122°F)	Operating temperature	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-10°C – + 50°C (14°F – 122°F)
Power supply	DC12V PoE+	DC12V PoE+	Power supply	AC24V AC100–240V	AC24V AC100–240V	AC24V AC100–240V
Power consumption	DC12V, 11.5W PoE+, 13W	DC12V, 13W PoE+, 15.5W	Power consumption	25W (with Heater) 63W (with Heater)	25W (with Heater) 63W (with Heater)	15W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	2-way	Audio capability	2-way	2-way	2-way
Micro SD/SDHC/SDXC card	Y	Y	Micro SD/SDHC/SDXC card	-	-	-
ONVIF	Profile S	Profile S	ONVIF	Profile S	Profile S	Profile S

PTZ IP Camera			
Number	IPS9264P / IPS9268P	IPS3124N / IPS3128N IPS3124P / IPS3128P	IPS2124N / IPS2128N IPS2124P / IPS2128P
Resolution	960H(D & N)	Full D1 (D & N)	Full D1 (D & N)
Lens zoom ratio	26X Optical	12X Optical	12X Optical
Focal length	3.2mm – 83.2mm	3.8mm – 45.6mm	3.8mm – 45.6mm
Pick up element	Sony 1/4" 960H	Sony 1/4" Super HAD CCD	Sony 1/4" Super HAD CCD
Effective pixels	976 x 582 (PAL)	768 x 494 (NTSC) 752 x 582 (PAL)	768 x 494 (NTSC) 752 x 582 (PAL)
Min. illumination	0.2 Lux at F1.6	0.3 Lux at F1.6	0.3 Lux at F1.6
Iris range	F1.6 – 32, close	F1.6 – 32, close	F1.6 – 32, close
FPS at max. resolution	30/25 FPS	30/25 FPS	30/25 FPS
Max. IR distance	-	-	16M
Compression	H.264, Motion JPEG	H.264, AVC, Level 3, Motion JPEG	H.264, AVC, Level 3, Motion JPEG
Digital zoom ratio	256X	-	-
Sense Up	-	-	-
Electronic shutter speed	Y	Y	Y
Digital noise reduction	2D+3D	Y	Y
Wide dynamic range	Y	-	-
Back light compensation	BLC+HLC	Y	Y
Privacy masking	8 zones	4 zones	4 zones
Horizontal resolution	650 TV Lines	480 TV Lines	480 TV Lines
Defog	-	-	-
Electronic Image Stabilization	-	-	-
Preset	128	128	128
Alarm I/O	3/1	-	-
Schedule setting	Y	Y	Y
IP rating	-	-	-
Operating temperature	-10°C – + 50°C (14°F – 122°F)	-10°C – + 50°C (14°F – 122°F)	-10°C – + 50°C (14°F – 122°F)
Power supply	AC24V AC100–240V	AC24V AC100–240V	AC24V AC100–240V
Power consumption	15W	11.5 W	13W
Mobile phone	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
Audio capability	2-way	1-way	1-way
Micro SD/SDHC/SDXC card	-	-	-
ONVIF	Profile S	Profile S	Profile S

Video Decoder		
Number	VD022	
Type	1080P	
IP video supports	Video inputs	4(for IP cameras) 16(for a NVR / DVR)
	Network throughput	24Mbps
Matrix	Video input	IP camera recall / NVR or DVR recall / virtual matrix
	Remote playback	Y
Alarm	Alarm mode	Alarm full screen for remote IP camera's or NVR's external alarm / motion detection
	Resolution	1080P / 720p / D1 / VGA
Video output	HDMI output	1920 x 1080P
	Backlight saving mode	LCD backlight saving mode
	Multi-touch	USB multi-touch screen
Multiplexer	Multiplexer	Freeze
	Split screen	1, 4 ,9 ,16
	Digital zoom	64x on live and NVR playback
Accessories	Remote controller	Up to 255 decoders / NVRs
	Ptz protocol	LILIN MLP1/2 over HTTP
	Keyboards	PIH-931D keyboard
	Audio out	RCA x 1
Network	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / RTSP / RTCP
	Web	Live / event log
Others	Multilanguage	English, Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese
Power	Power	DC 12V/ 1.5A ,18W
	Working environment	Temp: 0°C – +50°C / Humidity: 0% – 80%







Video Encoder	
Number	VS212
Type	960H
Video compression	H.264 , Motion JPEG
Resolution	960 x 480 (NTSC) 960 x 576 (PAL)
Frame rate	H.264 :up to 30/25 FPS
Video bitrate	128 Kbps – 3 Mbps
Alarm function	Image upload over FTP, E-mail by motion detection
Mobile phone	iPhone, iPad, Android
System integration	ONVIF & LILIN HTTP API
Video display	LILIN Universal ActiveX & LILIN Java Applet
OS	Embedded Linux 2.6.32
Video I/O	CVBS 1.0 Vp-p , 75 Ω , BNC connector
Audio I/O	Mono, 1.4 Vp-p , 50 KΩ 3.5mm phone jack
Alarm I/O	1/2
Operating temperature	0°C – + 50°C (32°F – 122°F)
Operating humidity	20% – 80% (non-condensing)
Power supply	DC 12V
Power consumption	4.5W
Other	SD / SDHC card, RS-485, Half-Duplex, MLP2, Pelco D/P protocols

NVR Series					
Number	NVR116D / NVR116	NVR109	NVR104	NVR408M	NVR404C
Type	1080P	1080P	1080P	1080P	1080P
IP video input	16	9	4	9	4
Max network throughput	48 Mbps	36 Mbps	24 Mbps	45 Mbps	24 Mbps
HDD disk	8 SATA	4 SATA	2 SATA	1 SATA	2.5" SATA (or SSD HDD)
External storage	e-SATA port	e-SATA port	e-SATA port	-	-
Resolution	1080P / 720P / D1 / VGA / CIF	1080P / 720P / D1 / VGA / CIF	1080P / 720P / D1 / VGA / CIF	1080P / 720P / D1 / VGA / CIF	1080P / 720P / D1 / VGA / CIF
Back up	USB, DVD/RW, HTTP, Audio supported	USB flash drive, USB portable DVD/RW, HTTP, Audio supported	USB flash drive, USB portable DVD/RW, HTTP, Audio supported	USB flash drive, USB portable DVD/RW, HTTP, Audio supported	USB flash drive, USB portable DVD/RW, HTTP, Audio supported
HDMI output	1920 x1080P	1920 x1080P	1920 x1080P	1920 x1080P	1920 x1080P
Alarm/event	DI x 8 / DOx 2 (NO/NC)	DI x 2 / DOx 2 (NO/NC)	DI x 2 / DOx 2 (NO/NC)	DI x 2 / DOx 2 (NO/NC)	DI x 2 / DOx 2 (NO/NC)
Remote controller	up to 255 NVRs	up to 255 NVRs	up to 255 NVRs	up to 255 NVRs	up to 255 NVRs
Protocol	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTSP / RTSP / ONVIF Profile S	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTSP / RTSP / ONVIF Profile S	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTSP / RTSP / ONVIF Profile S	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTSP / RTSP / ONVIF Profile S	TCP/IP / ARP / UDP / HTTP / SMTP / FTP / DHCP / DNS / DDNS / NTP / RTP/RTSP / RTSP / ONVIF Profile S
Keyboard	PIH-931D	PIH-931D	PIH-931D	-	PIH-931D
Audio out	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1
Web access	Live, playback, backup, menu configuration	Live, playback, backup, menu configuration	Live, playback, backup, menu configuration	Live / event log & time search playback / AVI	Live, playback, backup, menu configuration
Mobile phone	iPhone, iPad, Android, Blackberry	iPhone, iPad, Android, Blackberry	iPhone, iPad, Android, Blackberry	iPhone, iPad, Android, Blackberry	iPhone, iPad, Android, Blackberry
Multi-language	English, Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	English, Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	English, Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	English, Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese	English, Chinese, French, German, Hungarian, Polish, Italian, Portuguese, Arabic, Russian, Turkish, Spanish, Simplified Chinese
Operating temperature	Temp: 0°C – +45°C Humidity: 0% – 80%	Temp: 0°C – +45°C Humidity: 0% – 80%	Temp: 0°C – +45°C Humidity: 0% – 80%	Temp: -20°C – +60°C Humidity: 0% – 80%	Temp: 0°C – +45°C Humidity: 0% – 80%
Power supply	DC 12V/ 10A; 120W	DC 12V/ 6.67A; 80W	DC 12V/ 5A; 60W	DC 9 – 34V Over voltage protect	DC 12V/ 4.2A; 48W
Other	WS discovery, weighted recording, jog shuttle control, front panel, NVR116D: built-in Slim DVD/RW, USB mouse control	WS discovery, weighted recording, USB mouse control	WS discovery, weighted recording, USB mouse control	WS discovery, weighted recording, USB mouse control, GPS communications, EN50155 certification	WS discovery, USB mouse control

NVR Series				
				
Number		NVR100L	NVR200L	NVR400L
IP video input	Supports	Network camera / ONVIF Profile S		
	Input	16CH		
	Resolution	CIF / VGA / D1 / 960H / 1M / 1.3M / 1080P / 3M		
	Max. Frame Rate	100 FPS	200 FPS	400 FPS
Video Display	Output	HDMI / VGA 1080P		
	Split Screen	1 / 4 / 8 / 9 / 13 / 16, sequence mode, freeze		
	Digital Zoom	Up to 64x on live and playback		
Recording	Encode	H.264		
	Max. Network Through Put	32Mbps	40Mbps	48Mbps
	Resolution	CIF ~ 3M		
	Max. Frame Rate	Up to 1080P 60 FPS		
	Mode	Manual, schedule(continue, event, none)		
	Schedule	Each channel 7day × 24 hours time table, recording mode configurable		
	Event	Motion grid (20×12, multi-level sensitivities) / network camera event		Motion grid (20×12, multi-level sensitivities) / network camera event / DI
	Alarm Notification	Alarm notification iOS, android / E-Mail / FTP / buzzer		Alarm notification iOS, android / E-Mail / FTP / buzzer / DO
Playback	Search	Alarm event / Operation event / System event / Meta data event / Time search		
	Display	16CH synchronous playback		
	Max. Division Display	100FPS	200 FPS	400FPS
	Resolution	CIF ~ 3M		
	Max. Frame Rate	Up to 1080P 60 FPS		
Storage	HDD Supported (Up to 4TB)	2 × 3.5" HDD		4 × 3.5" HDD
Backup	DVD/RW	External USB DVD/RW		
Network	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP/ Onvif Profile S		
	Mobile Phone	iOS / Android supported		
	IPScan / WS-Discovery	WS-Discovery and IP Scan, Automatically quick IP address setup for network cameras		
Alarm	Ports	None		DI × 2 and DO × 2 (NO/NC)
System	Multi-Language	English / Traditional Chinese / German / Italian / Portuguese / Spanish / French / Turkish / Hungarian / Polish / Russian / Arabic / Simplified Chinese		
Accessories	Remote Control	Remote controller addressable up to 255 NVRs		
Power and Working Env.	Power	DC 12V, 5A, 60W		DC 12V, 6.67A, 80W
	Working Env.	Temp : 0°C ~ 45°C / Humidity : 5%~80%		
	Dimension (W×L×H)	360 × 316 × 60 mm		
	Weight	3 Kg (w/o HDD)		

Navigator 1.0 VMS Software		
Application	64 bits	
Recording	Schedule / Motion detection / Manual recording	
	Live	Up to 108 channels
	Speed	Up to 400Mbps upload and download
	Resolution	Up to 4K 30FPS and 2MP at 120FPS
	Schedule	7 day * 24 hrs time table, recording mode configurable
	Alarm recording	Face detection, audio detection, tampering, motion, DI alarm detection, ANPR detection (Options)
	ONVIF	Licensing
	NAS	Yes
	RAID failure notification	LSI driver integrated
Playback	Time search, event search, date search, POS SmartSearch, and motion SmartSearch	
	Speed	FR: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X / FF: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X
	Compression	H.264 / JPEG
	Search	Date, time, event, POS SmartSearch, motion SmartSearch, plate search (optional), Record Tag
	Multiple channel playback	Up to 36 channels & grouping playback
	Remote playback	Remote multiple channel playback for SD card, NVR/DVR, and Navigator
Multiplexer	Split screen	4, 9, 16, 25, 36
	2 x 2 video wall	Yes
	Monitor outputs	Up to 8 monitors
Accessories	Audio	PCM/G.711, two-way audio, audio recording
eMap	eMap live monitoring	Four channel for IP camera/multi-channel for NVR/DVR
	P/T/Z protocol	Yes
Remote Access	Remote NAV Live video	Multiple channels of HD, SD, and low bitrate modes supported
Backup	Remote backup	Multiple channels remote backup supported
Network	Protocols	ARP / TCP/IP / RTSP / ONVIF / HTTP / SMTP / DNS / PPPoE
	Mobile support	iPhone and Android
	IPScan	Supported, easy-to-setup for IP address

ANPR Software Automatic Number Plate Recognition		
Number	ANPR-FL	ANPR-PK
	FreeFlow	Parking solutions
License Key	Included	Included
Support channels	Up to 8 channels at 1080P	1
Detection speed	0.2 second / recognition	6 seconds / recognition
Support resolutions	Full HD: 1920 x 1080 / HD: 1280 x 768 / D1: 720 x 480 / VGA: 640 x 384 / CIF 320 x 240	
Multiple lane recognition	Up to 4 plates per image	Up to 1 plate per image
Character size	Minimum and maximum pixel heights configurable	
License plate character length	Configurable	
Detection area	User configurable	None
Black list / White list	Alarm triggering and plate text recording	
Character size	Configurable	
Exclusion list	Configurable	
Countries supported	USA and Canada: state detectable / Australia: state detectable / China: province detectable / Europe: Europe country detectable / Arabic: Arabic country detectable / Taiwan and other countries	None
Playback	Quick search	Y
	License capture	PIP and OSD text overlay
Video input	Camera source	IP cameras / IP video encoder
Alarm	Alarm management on detection	Alarm popup for full screen, PC sound, redirect IP camera DO, eMail snapshots, redirect a PTZ preset recall, LILIN Netowrk I/O Box
	Event	Various alarm log, video loss, stop recording, schedule, logon, operation log
	Digital output	Controllable via IP cameras, LILIN Netowrk I/O Box
	Alarm recording	Pre-alarm: 1 – 5 seconds and post-alarm: 5 – 50 seconds
Database	Vehicle information	Plate number, state / province, color, and list
Backup		Plate number, and list
Backup	AVI conversion with number plate OSD and JPEG snapshots	

NAV Recorder					
					
Number	NAV3025	NAV2036	NAV1036	NAV1072	NAV1108
Network video support	ONVIF Profile S, LILIN IP camera, LILIN IP PTZ dome, LILIN DVR/NVR, NAV Server				
Network video input	Up to 25 channels at 1080P/3M/5M/8M	Up to 36 channels at 1080P/3M/5M/8M		Up to 72 channels at 1080P/3M/5M/8M	Up to 108 channels at 1080P/3M/5M/8M
Network video format	H.264 / MJPEG				
Max Network throughput	Max. 250 Mbps download and 250 Mbps upload speed	Max. 500 Mbps download and 500 Mbps upload speed			
Raid support	Hot-swap 3.5" SATA HDDx4	Built-in 3.5" SATA HDDx6	Hot-swap 3.5" SATA HDDx8	Hot-swap 3.5" SATA HDDx16	Hot-swap 3.5" SATA HDDx24
Recording Schedule	7 days x 24 hrs time table, recording mode configurable				
Recording mode	Alarm, motion, schedule, and manual				
Recording speed	Max 8MP 30fps, 5MP 12 fps, 3MP 15 fps, 1080p at 120 fps, and ROI recording supported				
Recording resolution	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768, (720x480 / 720x576), 320x240				
Alarm recording	Face detection, audio detection, tamper, motion, DI alarm detection		Face detection, audio detection, tamper, motion, DI alarm detection, and ANPR (optional)		
Other recording	Audio recording / Circular recording / Limited recording / Video archiving / Remote Network raid				
Playback Search	Date, time, event, POS SmartSearch, motion SmartSearch, plate search (optional), record tagging				
Resolution	3840x2160, 2592x1944, 2048x1536, 1920x1080, 1280x1024, 1280x768, (720x480 / 720x576), 320x240				
Video speed	Up to 8MP 30fps/5MP 12 fps/3MP 15 fps/1080p 120 fps				
Playback speed	FR: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X / FF: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X				
Video input Support quantity	Max. 25 channels	Max. 36 channels		Max. 72 channels	Max. 108 channels
Digital zoom	Yes, ePTZ supported				
Grouping	User grouping authentication assignable for eMap, and Navigator 1.0				
Output	HDMI x1 / max. 1080P DVI / VGA : DVI and VGA share same channel				DVI x2, HDMI x1/ DVI x4, HDMI x2 (options)
TV wall	Dual screen, max. 25 channels	Dual screen, max. 36 channels		Dual screen, max. 72 channels	3 screen, 6screen(options)/ Split screen
Dual stream technology	Multi-channel displays D1 and full screen displays 1080P/3M/5M/8M resolution				
Split screen	4, 9, 16, 25,	4, 9, 16, 25, 36			
Video archiving & sync	Individual camera configurable, scheduling and instant archiving, sync recording data with NAV server/NVR/DVR/IP camera SD card.				
Alarm management	Alarm popup for full screen, PC sound, redirect IP Camera's digital output, eMail snapshots, redirect a PTZ preset recall				
Alarm recording	Pre-alarm:1 – 5 seconds and post-alarm: 5 – 50 seconds				
Event	Various alarm log including video loss, stop recording, schedule, logon, operation log				
Keyboard	PIH-931D keyboard controllable via RS-485 for PTZ, ePTZ, and ROI features				
Audio	PCM Two-way audio, audio recording				
Pos/barcode scanner	RS-232 / PS-2				
Protocols	ARP / TCP/IP / HTTP / SMTP / DNS / PPPoE				
Mobile support	iPhone and Android				
Slim DVD-ROM	None			x1	
Raid mode	Intel System built-in, RAID 0, 1, 5, 10		LSI Hardware, RAID 0, 1, 5, 6, 10, 50, 60		
Language	English, Chinese, Spanish, French, Italian, Japanese, Russian, Portuguese, Simplified Chinese, Czech, Slovene, German				
Power supply	250W Power Supplies 80 PLUS Bronez	460W Power Supplies 80 PLUS Bronez	560W high-efficiency AC Input: 100-240 V, 50-60 Hz, 7.5 Amp Max	500W high-efficiency AC Input: 100-240 V, 50-60 Hz, 6.1-2.6 Amp	920W high-efficiency (94%+) AC Input 100-240 V, 50-60 Hz, 11-4.5 Amp
Dimension (HxWxD)	200 x 206 x 315 mm	90 x 430 x 470 mm	89 x 437 x 648mm	132 x 437 x 650mm	178 x 437 x 660mm

PTZ IP Camera Bracket									Video Encoder Rack Mount	
Number	PIH-76WM	PIH-Z6	PIH-510CPM	PIH-520L	PIH-520HB	PIH-CPM	PIH-520G	PIH-520LB	Number	BTE02S
Installation	Wall mount	Extension tube	Corner / pole mount	Wall mount	Pendant mount	Corner/ pole mount	Swan neck	Wall mount	Installation	Rack mount
Matched model	Indoor	PIH303P , PIH510H / 520HB	PIH-520LB, PIH-510L	Outdoor	Outdoor	PIH-520L	Outdoor	Outdoor	Matched model	For 8 pcs VS212 / VD022

PoE Switch									
Number	PMH-POE570WAT	PMH-POE08130WAT	PMH-POE08260WAT	PMH-POE08130WT4	PMH-POE16260WAT	PMH-EWM16RS	PMH-POE24390WAT	PMH-24G250W	PMH-24G500W
Port	5	8	8	8	16	16	24	24	24
Power supply	PoE+ (PSE × 4)	PoE	PoE+	PoE+ (PSE × 4)	PoE+	PoE	PoE+	PoE+	PoE+
Max power managed	70W	130W	260W	130W	260W	260W	390W	250W	500W
Network interface	10/100Mbps		10/100/1000Mbps						
Gigabit port	-	-	2	2	2	2	2	4	4
Max power / port	30W	15.4W	30W	30W	30W	15.4W	30W	30W	30W
19" Rack	-	-	Y	Y	Y	Y	Y	Y	Y

PoE Injector & Splitter					
Number	IJ1748D	IJ5056D	SL1212D1	SL4024A	SL4012D
Power supply support	17W	50W	12W	40W	40W
Output voltage	DC48/0.5A	DC56V/0.89A	DC12V/1A	AC24/1.7A	DC12V/3.33A

IP Cabling Transmission		
Number	PMH-IP01	PMH-IP01H
Speed	-	10/100M
Connector	RJ45 x 1, BNC x 1	BNC x 4, RJ45 x 1
Impedance	50Ω to dual 100Ω or 75Ω to dual 100Ω	
Crosstalk	> 30 dB	-
Cable	Coax Cable (RG59)Max. 200m	
Power Supply	-	DC5V 1A
Power Consumption	-	500mA



LILIN Product Codes – IP cameras

LILIN product codes can give you a clear overview of the specifications and applications of each model. Each number and character of the product code represents a certain aspect of the product.



SR7424EX3.6	
S	Camera series
R	Camera type
74	Form factor
2	Resolution level
4	Power supply
E	PoE
X3.6	Lens type



IPS4304E	
IPS	Camera series
4	Form factor
30	Lens multiples
4	Power
E	PoE

IP cameras

Classification	Code	Explain
Camera seriesa	L	Lite (1080P @15)
	IP	Pro (1080P @ 30, 3MP @ 15)
	F	Fisheye (Panorama)
	Z	Auto Focus
	UH	4K Ultra High Definition
	UF	Ultra High Frame Rate(1080P @ 120)
S	Super High Frame Rate (1080P @ 60)	

Classification	Code	Explain
Camera type	B/G	Box Camera
	D	Dome Camera
	R	IR Camera

Classification	Explain
Form factor	3,4,7,10,11,12,21,22,23,24,25,60,61,62,70,72,73,74,77..... In accordance with the cabinet exterior classification

3 or 60	4 or 72	7 or 70	10
11	12	21	22
23	24	25	61
62	73	74	77

Classification	Code	Explain
Resolution	1	720, 1.3MP
	2	2MP (1080P)
	3	3MP
	5	5MP
	6	6MP
	8	8MP (4K2K)

Classification	Code	Explain
Power supply	1	AC100V
	2	DC12V
	3	AC230V
	4	AC24V
	6	DC12V / AC24V / Dual voltage
	7	AC117V
	8	AC100V – 240V
	E	PoE (Power over Ethernet)

Classification	Code	Explain
Lens type	X3.6	3.3 – 12mm Varifocal lens
	X2.4	9 – 22mm Varifocal lens
	2	2.8mm Fixed lens
	4	4mm Fixed lens
	4.3	4.3mm Fixed lens
	6	6mm Fixed lens

PTZ cameras

Classification	Code	Explain
Camera seriesa	4 / 6 / 8	Outdoor PTZ camera
	2 / 3 / 5 / 7 / 9	Indoor PTZ camera

Classification	Code	Explain
Lens multiples	10	10X optical zoom
	12	12X optical zoom
	18	18X optical zoom
	20	20X optical zoom
	30	30X optical zoom
	36	36X optical zoom

Classification	Code	Explain
Power supply	1	AC100V
	2	DC12V
	3	AC230V
	4	AC24V
	6	DC12V / AC24V / Dual voltage
	7	AC117V
	8	AC100V – 240V
	E	PoE (Power over Ethernet)



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About Merit LILIN

LILIN is a global IP video manufacturer with over 30 years of experience. Throughout the years, the company has maintained its dedication to Creativity, Progress, and Excellence providing expertise in digital video with a strong focus on innovation moving forward.

