



## Pro series IP cameras

Professional network cameras for security surveillance



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# A wide selection of Pro-series IP cameras

The right choice for all professional security applications

HIGH RESOLUTION | IP66 | IP67 | IK10 | ONVIF Profile S | BULLET | BOX | VANDAL DOME | FIXED CAMERAS | MICRO-DOMES | DAY/NIGHT | INDOOR/OUTDOOR

## HIGH-QUALITY IMAGES

LILIN's Pro-series line introduces 2, 3, and 5-megapixel IP cameras in full High Definition (HD) resolution as well as other great features; for example, 3D Noise Reduction to suppress noise in an image in low light conditions, Sense Up+ to deliver outstanding video outputs in poor light conditions without experiencing motion blur, and Wide Dynamic Range (WDR) to extend image visibility under high contrast lighting scenes and improve image quality.

## FOR ANY CHALLENGING INDOOR/OUTDOOR ENVIRONMENTS

Pro-series cameras are designed for security surveillance to meet a wide variety of industrial, commercial, and residential settings – including shopping malls, critical infrastructures, power plants, hospitals, banks, hotels, schools, warehouses, restaurants, shops, commercial spaces, and more.





**LILIN**

# Modern cameras built-in cutting edge technology



**Bullet outdoor  
cameras**



**Box cameras**



**Vandal resistant  
domes**

Pro-series IP camera portfolio includes easy-to-install and robust **bullet** cameras, **box** cameras, **vandal resistant** dome cameras, **fixed domes**, and **micro-domes** for both indoor and outdoor network video applications. LILIN delivers outstanding features across the entire Pro-series product range.

#### Features

- Privacy masks
- 2, 3, 5 megapixel
- 12, 15, 30 fps
- 1080p image
- ONVIF Profile S to integrate with 3rd party systems
- Power over Ethernet (PoE)
- Wall / embedded / surface mount
- Day/Night operations
- Intelligent Video Surveillance (IVS) features – Advanced Motion Detection, Tripwire Detection, and Object Counting
- Face recognition, Motion, Alarm, Audio detection
- Progressive scan CMOS sensor
- Infrared illumination provides night vision up to 55 meters
- Sense Up+ delivers unparalleled video outputs in low light conditions
- Wide Dynamic Range (WDR) displays details of both the brightest and darkest areas





# Bullet Infrared Cameras

Designed for diverse outdoor applications



**Built-in LED illumination**

Bullet-style cameras built Power over Ethernet infrared LEDs for true day/night video surveillance

**Weatherproof housing**

Cameras and lens in an environmental enclosure that is IP66 rated



**IPR7424X  
IPR7428X**



**IPR7722X**



**IPR722**



**IPR7922**





# Box Cameras





### HD megapixel resolution

Resolutions of up to 5 megapixels and outstanding light sensitivity provide exceptional image quality

### Detection features

Face Recognition automatically verifying a person's face. Tampering Detection detects camera sabotage or failure that partially or completely blocking its lens. Audio Detection will be triggered based on ambient sound conditions as the threshold. Motion Detection can detect motion and capture events.

# Vandal Resistant Domes

Vandal domes are also waterproof – perfect for indoor and outdoor areas prone to tampering or vandalism

## VANDAL AND WATER PROOF

Vandal domes are robust to meet the IK10 certification requirement to withstand external mechanical impacts and able to resist impacts from vandals or tampering. IP67 certified dust and water-resistant.

## PERFECT FOR EXPOSED AREAS

Vandal domes are the ideal unobtrusive surveillance solution for high-risk exposed indoor/outdoor environments including correctional, educational, and commercial applications.

## DAY/NIGHT & CLEAR IMAGES

Vandal domes with night vision functionality (infrared) and varifocal lenses, Offer exceptional image quality in Motion JPEG and H.264 outputs. Day/night capability and Wide Dynamic Range (WDR) enable clear images in all lighting conditions.





IPR320X



IPD6122X

**LILIN**

# Stylish Fixed Domes

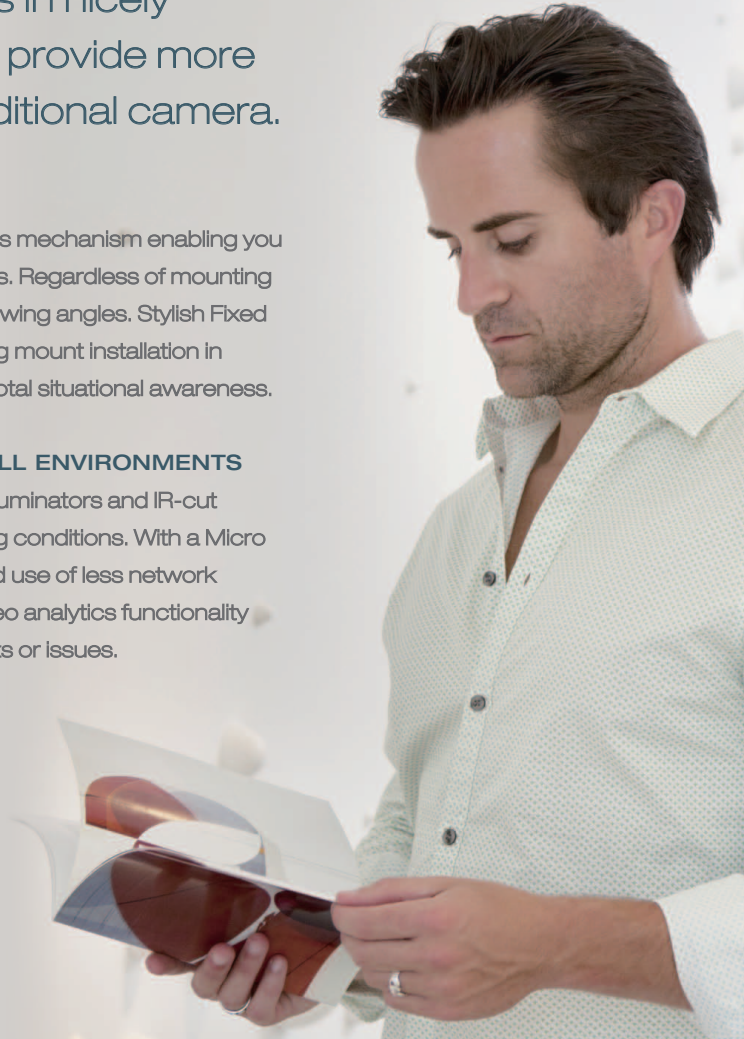
LILIN fixed domes are easy to install and camera appearance blends in nicely with majority environments provide more discreet manner than a traditional camera.

## 3-AXIS MECHANISM

Cost efficient indoor fixed domes features 3-axis mechanism enabling you to easily mount the camera on ceilings and walls. Regardless of mounting position, the domes can capture the correct viewing angles. Stylish Fixed Domes offer embedded mount as well as ceiling mount installation in response to diverse array of environments for total situational awareness.

## GENERATE HIGH QUALITY IMAGES IN ALL ENVIRONMENTS

Day/Night dome models have built-in infrared illuminators and IR-cut filter to ensure clear images even in poor lighting conditions. With a Micro SD/SDHC card slot, 802.3af compliant PoE, and use of less network bandwidth, fixed domes deliver astonishing video analytics functionality assisting operators in identifying potential threats or issues.





# Discreet Day Micro-Domes

Micro-domes are high-resolution cameras that offer necessary surveillance features in a small discreet attractive design

## COMPACT SIZE

LILIN micro-domes are discreet and small with unparalleled image detail in full HD high resolutions. Micro-dome IP cameras are capable and compact, only 105mm in diameter and 40mm thick. Micro-domes are your ideal cost-effective choice to transition into HD video surveillance.

## UNSURPASSED IMAGE QUALITY

LILIN micro-domes built with 2-megapixel progressive scan CMOS sensor, ready for all harsh conditions with IP67 waterproof rating as well as IK10 vandal proof rating. Micro-domes are great durable solution for video monitoring various environments for both indoor and outdoor.





IPD2220



IPD6220 (X12)  
IPD6222 (RJ-45)





For BOX cameras



PIH-500

For BULLET cameras

## Mounting options

LILIN offers a number of versatile mounting options for its Pro series cameras – indoor/outdoor pendant mount brackets, swan neck brackets, wall mount brackets, or pendant ceiling mount brackets. A variety of quality rugged weather/vandal proof mounts options are designed to work in a wide range of applications, and allow system integrators for easy installation of Box, Bullet, and Dome cameras into ceiling or wall.

For DOME cameras



PIH-500L



PIH-5005M



PIH-5002L

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PIH-CPM

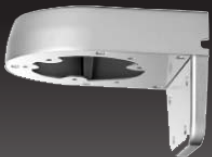


BTR04S



BTR03S

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PIH-76WM







BTS02S






PIH-26WM

## Pro Series IP Camera

			
<b>Number</b>	<b>IPG1052</b>	<b>IPR7334X IPR7338X</b>	<b>IPR434X IPR438X</b>
<b>Resolution</b>	5MP (D & N)	3MP (D & N)	3MP (D & N)
<b>Lens</b>	-	5 – 50mm	3.3 – 12mm
<b>Iris</b>	-	F1.6	F1.4
<b>Angle of view (H)</b>	-	58.8° – 6.5°	79.3° – 29.8°
<b>Pick up element</b>	1/2.5" CMOS	1/2.8" CMOS	1/2.8" CMOS
<b>Effective pixels</b>	2592 x 1944	2096 x 1561	2096 x 1561
<b>Min. illumination</b>	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)
<b>FPS at max. resolution</b>	12FPS	15FPS	15FPS
<b>Max. IR distance</b>	-	70M	55M
<b>Compression</b>	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
<b>Streams</b>	4	4	4
<b>Sense Up +</b>	Y	Y	Y
<b>3D noise reduction</b>	Y	Y	Y
<b>HDR</b>	-	-	-
<b>2D WDR</b>	Y	Y	Y
<b>Privacy masking</b>	4 zones	4 zones	4 zones
<b>Digital I/O</b>	1/1	1/1	1/1
<b>IP / vandal rating</b>	- / -	IP66 / -	IP66 / -
<b>Operating temperature</b>	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)
<b>Power supply</b>	DC12V PoE	AC24V/AC100–240V	AC24V/AC100–240V PoE+
<b>Power consumption</b>	DC12V, 6W PoE, 7.5W	33W( Heater OFF ) 40W( Heater On )	17W PoE+, 20W
<b>Mobile phone</b>	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
<b>Audio capability</b>	2-way	2-way	2-way
<b>ONVIF</b>	Profile S	Profile S	Profile S
<b>Lens options</b>	-	-	9 – 22mm (0.15 Lux at F1.4)
<b>Other</b>	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




				
<b>IPR732</b>	<b>IPR6132X</b>	<b>IPD6132X</b>	<b>IPG1032X</b>	<b>IPR424X IPR428X</b>
3MP (D & N)	3MP (D & N)	3MP (D & N)	3MP (D & N)	1080P (D & N)
4.3mm	3.3 – 12mm	3.3 – 12mm	2.8 – 8mm (CS Mount)	3.3 – 12mm
F1.6	F1.4	F1.4	F1.2	F1.4
70°	79.3° – 29.8°	79.3° – 29.8°	100.1° – 35.8°	79.3° – 29.8°
1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.7" CMOS
2096 x 1561	2096 x 1561	2096 x 1561	2096 x 1561	1920 x 1080
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)	0.1 Lux at F1.2 (Low light mode)	0.1 Lux at F1.4 (Low light mode)
15FPS	15FPS	15FPS	15FPS	30FPS
30M	25M	-	-	55M
H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
4	4	4	4	4
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
-	-	-	-	-
Y	Y	Y	Y	Y
4 zones	4 zones	4 zones	4 zones	4 zones
-	1/1	1/1	1/1	1/1
IP66 / -	IP67 / IK10	IP67 / IK10	- / -	IP66 / -
-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)	-40°C – +50°C (-40°F – 122°F)
DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	AC24V / AC100–240V PoE+
DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W	DC12V, 6W PoE, 7.5W	DC12V, 6W PoE, 7.5W	17W PoE+, 20W
iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
-	2-way	2-way	2-way	2-way
Profile S	Profile S	Profile S	Profile S	Profile S
6mm / F1.8 (0.3 Lux at F1.8)	-	-	-	-
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	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

## Pro Series IP Camera

			
<b>Number</b>	<b>IPR7424X IPR7428X</b>	<b>IPR7722X</b>	<b>IPR722</b>
<b>Resolution</b>	1080P (D & N)	1080P (D & N)	1080P (D & N)
<b>Lens</b>	3.3 – 12mm	3.3 – 12mm	4.3mm
<b>Iris</b>	F1.4	F1.4	F1.6
<b>Angle of view (H)</b>	79.3° – 29.8°	79.3° – 29.8°	84.8°
<b>Pick up element</b>	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
<b>Effective pixels</b>	1920 x 1080	1920 x 1080	1920 x 1080
<b>Min. illumination</b>	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)
<b>FPS at max. resolution</b>	30FPS	30FPS	30FPS
<b>Max. IR distance</b>	45M	35M	30M
<b>Compression</b>	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
<b>Streams</b>	4	4	4
<b>Sense Up +</b>	Y	Y	Y
<b>3D noise reduction</b>	Y	Y	Y
<b>HDR</b>	-	-	-
<b>2D WDR</b>	Y	Y	Y
<b>Privacy masking</b>	4 zones	4 zones	4 zones
<b>Digital I/O</b>	1/1	1/1	-
<b>IP / vandal rating</b>	IP66 / -	IP66 / -	IP66 / -
<b>Operating temperature</b>	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)
<b>Power supply</b>	AC24V / AC100–240V PoE+	DC12V PoE	DC12V PoE
<b>Power consumption</b>	14W PoE+, 16W	DC12V, 10.5W PoE, 12W	DC12V, 9W PoE, 10.2W
<b>Mobile phone</b>	iPhone, iPad, Android	Phone, iPad, Android	iPhone, iPad, Android
<b>Audio capability</b>	2-way	2-way	-
<b>ONVIF</b>	Profile S	Profile S	Profile S
<b>Lens options</b>	9 – 22mm (0.1 Lux at F1.4)	-	6mm / F1.8 (0.18 Lux at F1.8)
<b>Other</b>	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

				
IPR6122X	IPR320X	IPR2322X	IPR7922	IPR2122
1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)	1080P (D & N)
3.3 – 12mm	3.3 – 12mm	3.3 – 12mm	4mm	4.3 mm
F1.4	F1.4	F1.4	F1.6	F1.6
79.3° – 29.8°	79.3° – 29.8°	79.3° – 29.8°	84.8°	84.8°
1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
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)	0.15 Lux at F1.6 (Low light mode)
30FPS	30FPS	30FPS	30FPS	30FPS
25M	25M	25M	20M	16M
H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
4	4	4	4	4
Y	Y	Y	Y	Y
Y	Y	Y	Y	Y
-	-	-	-	-
Y	Y	Y	Y	Y
4 zones	4 zones	4 zones	4 zones	4 zones
1/1	-	1/1	-	-
IP67 / IK10	IP66 / IK7	- / -	IP67 / -	- / -
-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)
DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE	DC12V PoE
DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W	DC12V, 9W PoE, 10.2W	DC12V, 5.6W PoE, 6.5W	DC12V, 7.5W PoE, 8.5W
iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
2-way	-	2-way	-	-
Profile S	Profile S	Profile S	Profile S	Profile S
-	-	-	6mm / F1.8 (0.18 Lux at F1.8)	6mm / F1.8 (0.18 Lux at F1.8)
Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, 3-Axis construction	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

## Pro Series IP Camera

			
<b>Number</b>	<b>IPR2522</b>	<b>IPD6122X</b>	<b>IPD2322X</b>
<b>Resolution</b>	1080P (D & N)	1080P (D & N)	1080P (D & N)
<b>Lens</b>	4.3 mm	3.3 – 12mm	3.3 – 12mm
<b>Iris</b>	F1.6	F1.4	F1.4
<b>Angle of view (H)</b>	84.8°	79.3° – 29.8°	79.3° – 29.8°
<b>Pick up element</b>	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
<b>Effective pixels</b>	1920 x 1080	1920 x 1080	1920 x 1080
<b>Min. illumination</b>	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)
<b>FPS at max. resolution</b>	30FPS	30FPS	30FPS
<b>Max. IR distance</b>	10M	-	-
<b>Compression</b>	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
<b>Streams</b>	4	4	4
<b>Sense Up +</b>	Y	Y	Y
<b>3D noise reduction</b>	Y	Y	Y
<b>HDR</b>	-	-	-
<b>2D WDR</b>	Y	Y	Y
<b>Privacy masking</b>	4 zones	4 zones	4 zones
<b>Digital I/O</b>	1/1	1/1	1/1
<b>IP / vandal rating</b>	- / -	IP67 / IK10	- / -
<b>Operating temperature</b>	-25°C – +50°C (-13°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-25°C – +50°C (-13°F – 122°F)
<b>Power supply</b>	DC12V PoE	DC12V PoE	DC12V PoE
<b>Power consumption</b>	DC12V, 7.5W PoE, 8.5W	DC12V, 6W PoE, 7.5W	DC12V, 6W PoE, 7.5W
<b>Mobile phone</b>	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
<b>Audio capability</b>	2-way	2-way	2-way
<b>ONVIF</b>	Profile S	Profile S	Profile S
<b>Lens options</b>	6mm / F1.8 (0.18 Lux at F1.8)	-	-
<b>Other</b>	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	Digital PTZ, Face / tampering / audio / motion / alarm detection, Micro SD / SDHC card, Ceiling & embedded mount, 3-Axis construction

			
<b>IPD2122</b>	<b>IPD6220 (M12)</b> <b>IPD6222 (RJ-45)</b>	<b>IPD2220</b>	<b>IPG1022X</b>
1080P (D & N)	1080P	1080P	1080P (D & N)
4.3mm	4.3mm	4.3mm	3 – 10.5mm (CS Mount)
F1.6	F1.6	F1.6	F1.4
84.8°	84.8°	84.8°	105.6° – 28.4°
1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
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)
30FPS	30FPS	30FPS	30FPS
-	-	-	-
H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
4	4	4	4
Y	Y	Y	Y
Y	Y	Y	Y
-	-	-	-
Y	Y	Y	Y
4 zones	4 zones	4 zones	4 zones
-	-	-	1/1
- / -	IP67 / IK8	- / -	- / -
-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)
DC12V PoE	PoE (IPD6220) DC12V / PoE (IPD6222)	DC12V PoE	DC12V PoE
DC12V, 5W PoE, 6W	PoE, 5W (IPD6220) DC12V, 4.5W / PoE, 5W (IPD6222)	DC12V, 4.5W PoE, 5W	DC12V, 6W PoE, 7.5W
iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android	iPhone, iPad, Android
-	1-way	1-way	2-way
Profile S	Profile S	Profile S	Profile S
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)	-
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