



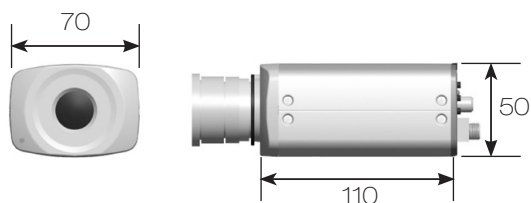
LILIN's award-winning IPG1032X 3MP HD IP Camera is capable of streaming video at up to 15 FPS (frames per second) design suited to almost any application. As with all Pro series cameras, the IPG1032X incorporates Sense up+, a unique technology that successfully delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, AGC control, and 3D Noise Reduction, this model successfully delivers the ultimate low-light image without motion blur. Measuring less than 125mm in length, this latest addition to the range provides an internal solution suited to multiple applications.

### FEATURES :

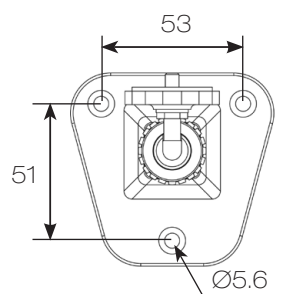
- Full HD 5.0 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time Video compression
- H.264 and Motion JPEG multi-profile Video streaming
- 3D Noise Reduction (MCTF) / 2D WDR function
- Digital PTZ supported
- Face / tampering / audio / motion / alarm detection
- Day & Night (IR cut removable)
- 2-way audio supported
- Built-in highly sensitive microphone
- Digital I/O : 1 in, 1 out
- ONVIF supported
- RS-485 supported

### DIMENSIONS : (Unit : mm)

70 x 50 x 110 (W x H x D)



### INSTALLATION HOLE SITE DIAGRAM :



## SPECIFICATION :

Name	Day & Night 3MP HD IP Camera		
Model	IPG1032ESX3		
Lens	Focal length	2.8 – 8 mm (CS mount)	
	Iris	F1.2	
	Angle of view	H	100.1° – 35.8°
		V	72.9° – 26.9°
D		123.8° – 44.8°	
Pick up element	1/2.8" CMOS image sensor		
Effective pixels	2096 (H) x 1561 (V) = 3,271,856 (pixel)		
Chip size	7.96mm (H) x 7.61mm (V)		
Scanning system	Progressive scan		
Infrared cut filter	Auto / schedule / day (color) / night (mono) / external control		
Min. illumination	0.1 Lux at F1.2 (Low light mode)		
White balance	Auto / tungsten / indoor / fluorescents1 / fluorescents2 / outdoor1 / outdoor2		
Back light compensation	Off / on		
Electronic shutter	1/30s – 1/8000s		
Sense up	Off / 1 frame / 2 frames / 3 frames / 7 frames		
Sense up +	Yes		
Auto gain control	36 dB variable gain		
3D Noise Reduction	Off / 1 – 32 selectable		
2D WDR	Off / auto / x2 / x3 / x4		
Privacy masking	Off / on (4 zones)		
Image effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip		
Live Video output	CVBS 1.0Vp-p, 75 ohm, BNC connector		
Audio in / output	Mono, 1.4 Vp-p , 50 K $\Omega$ , 3.5mm phone jack		
Operating temperature	-25°C – +50°C (-13°F – 122°F)		
Dimension	70mm(W) x 50mm(H) x 110mm(D)		
Weight	380g		
Power supply	DC12V $\pm$ 10% / PoE (IEEE 802.3af compliant)		
Power consumption	DC12V, 6W / PoE, 7.5W		

Network			
Video compression	H.264 , Motion JPEG		
Resolution	3MP(2048 x 1536), 1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)		
Multiple profile	Profile #1	H.264 : up to 30 FPS @ 1920 x 1080, MJPEG : up to 30 FPS @ 720 x 480	
	Profile #2	H.264 : up to 30 FPS @ 1280 x 720, MJPEG : up to 30 FPS @ 352 x 240	
	Profile #3	H.264 : up to 30 FPS @ 1920 x 1080, MJPEG : up to 30 FPS @ 1280 x 720	
	Profile #4	H.264 : up to 30 FPS @ 720 x 480, MJPEG : up to 15 FPS @ 1920 x 1080	
	Profile #5	H.264 : up to 15 FPS @ 2048 x 1536, MJPEG : up to 15 FPS @ 720 x 480	
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast		
Video bitrate	128Kbps – 5Mbps		
	Frame rate and bit rate controllable on-the-fly		
	VBR / CBR / GOP supported		
Security	Base64 HTTP encryption		
	Multiple user access levels with password protection		
	10 user accounts available		
Users	8 simultaneous users		
ePTZ & digital zoom	Yes, ROI is supported		
OSD	Text overlay for date, time, and camera name		
Alarm function	Alarm / motion / tampering / face / alarm detection triggering recording into SD card Image upload over FTP and E-mail by face / tampering / audio / motion detection		
CPU, memory	Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory		
Maintenance	Firmware update via HTTP		
	Firmware available at web site		
Network interface	10Mbps / 100Mbps Base-T, RJ-45		
PC requirement	OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8		
	Browser : Windows Internet Explorer 6.0 or above		
	CPU : intel pentium 4 1.8GHz or above		
	RAM : 1GB or above, independent display card		
Network protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SNMP, SIP, Bonjour		
Mobile phone	iPhone, iPad, and Android support		
System integration	ONVIF & LILIN HTTP API		
Central management system	CMX 3.6 / NAV 1.0 support		
Video display	LILIN Universal ActiveX & LILIN Java Applet		
OS	Embedded Linux 2.6.32		
Two-way audio	G.711 / PCM		
SD card recording	Support Micro SD/SDHC card for circular recording (card is not included)		
Alarm input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load max. 40VDC/300mA)		