



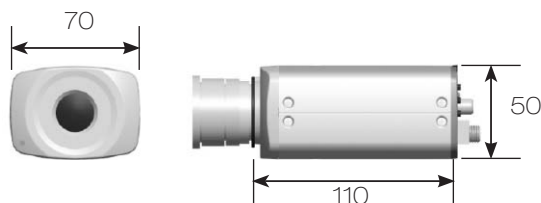
As with all Pro series cameras, the IPG1052 incorporates Sense up+, a unique technology that successfully delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, AGC control, and 3D Noise Reduction, this model successfully delivers the ultimate low-light image without motion blur. Measuring less than 125mm in length, this latest addition to the range provides an internal solution suited to multiple applications.

#### FEATURES :

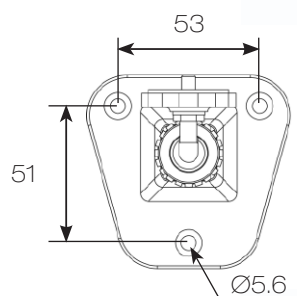
- Full HD 5.0 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time Video compression
- H.264 and Motion JPEG multi-profile Video streaming
- 3D Noise Reduction (MCTF) / 2D WDR function
- Digital PTZ supported
- Face / tampering / audio / motion / alarm detection
- Day & Night (IR cut 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 5MP HD IP Camera
Model	IPG1052ES
Pick up element	1/2.5" CMOS image sensor
Effective pixels	2592 (H) x 1944 (V) = 5,038,848 (pixel)
Scanning system	Progressive scan
Infrared cut filter	Auto / schedule / day (color) / night (mono) / external control
Min. illumination	0.2 Lux at F1.2 (Low light mode)
White balance	Auto / tungsten / indoor / fluorescents1 / fluorescents2 / outdoor1 / outdoor2
Back light compensation	Off / on
Electronic shutter	1/30(1/25)s - 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, RCA connector
Audio in / output	Mono, 1.4 Vp-p , 50 kΩ , 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 ±10% / PoE (IEEE 802.3af compliant)
Power consumption	DC12V, 6W/ PoE, 7.5W

Network		
Video compression	H.264 , Motion JPEG	
Resolution	5MP(2592x1944), 3MP(2048x1536), 1080P(1920x1080), 720P(1280x720), D1(720x480), CIF(352x240)	
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
	Profile #6	H.264 : up to 12 FPS @ 2592 x 1944, MJPEG : up to 12 FPS @ 720 x 480
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast	
Video bitrate	128Kbps - 8Mbps	
	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 detection triggering recording into SD card	
	Image upload over FTP and E-mail by face / tampering / audio / motion / alarm 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	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)	
Control interface	RS-485 , Half-Duplex , support MLP2 , Pelco D/P protocols	