



Creativity Progress & Excellence

Network Product





IPG012ESX4.2

Day & Night 720P HD IP Camera

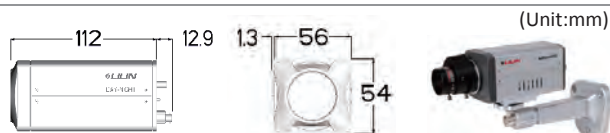


Features

- HD 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
- IR cut filter mechanism, auto color & mono switching
- Built-in highly sensitive microphone
- Day and night applications for 24 Hr surveillance
- DC 12V and PoE (IEEE 802.3af) supported
- 2-way audio supported
- Onvif supported
- Digital I/O : 1 in, 1 out
- Live video output (BNC)



Dimensions 56mm(W) x 54mm(H) x 112mm(D)



IP CAMERA SERIES			
Day & Night 720P HD IP Camera			
Model	IPG012ESX4.2		
Lens	Focal Length	2.8 ~ 12mm	
	Iris	F1.4	
	Angle of View	H	79.3° ~ 29.8°
		V	59.4° ~ 22.4°
D		99° ~ 37.3°	
Pick Up Element	1/4" Progressive scan CMOS sensor		
Effective Pixels	1280(H) x 800(V) = 1,024,000(pixel)		
Chip Size	3.88mm(H) x 2.43mm(V)		
Scanning System	Progressive Scan		
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono) / External Control		
Min. Illumination	Color : 2.5 Lux at F1.4, Mono : 0.5 Lux at F1.4		
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2		
Sense Up	Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames		
Back Light Compensation	Auto		
Electronic Shutter	1/30(25)S ~ 1/20,000S		
Live Video Output	CVBS 1.0Vp-p, 75 ohm		
Operating Temperature	-10°C ~ +40°C (14°F ~ 104°F)		
Dimension	56mm(W) x 54mm(H) x 112mm(D)		
Weight	500g		
Power Input Voltage	DC12V ±10% / PoE (IEEE 802.3af compliant)		
Power Consumption	DC12V, 6W / PoE, 7.5W		

NETWORK	
Video Compression	H.264/AVC, Motion JPEG
Resolution	720P(1280 x 768) / VGA(640 x 384) / CIF(320 x 192)
Multiple profile	Stream 4 profiles : H.264 at 720P, JPEG at 720P, H.264 at VGA, JPEG at CIF
Frame Rate	H.264 : Up to 20 fps at 720P, MJPEG : Up to 10 fps at 720P
Video Streaming	RTSP : RTP/HTTP, RTP/TCP, RTP/UDP
Video Bitrate	128Kbps ~ 5Mbps
Security	Base64 HTTP encryption
	Multiple user access levels with password protection
	10 user accounts available
Users	8 simultaneous users
Digital Zoom	Yes
Alarm/motion	Events triggered by built-in motion detection
	Alarm/motion triggering recording into SD card
	Image upload over FTP, e-mail by motion detection, and external alarm inputs
CPU, Memory	Embedded SoC ARM9, 500MHz, 64MB DDR, 8MB 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
	Browser : Windows Internet Explore 6, 7, 8
	CPU : Intel Pentium 4 1.8GHz or above
	RAM : 1GB or above, Independent Display Card
Network Protocols	IP, TCP, UDP, HTTP, SMTP, ESMT, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet
Mobile Phone and PDA	iPhone, iPad, and Android support
System Integration	Onvif
CMX	Support CMX HD 3.2 / 3.6
Video Display	LILIN Universal ActiveX
OS	Embedded Linux 2.4.19
Two-way audio	G.711 / PCM
SD Card recording	Support SD/SDHC card for circular recording (card is not included)
Alarm Input / Output	Digital 1 input (TTL, +3 ~ 5V) / 1 Output (N.O.)