



**Creativity Progress & Excellence**  
Network Product





# IPG1022ESX3

Day & Night 1080P HD IP Camera

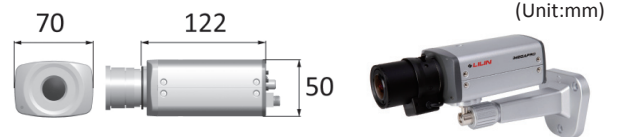


## Features

- Full HD 2 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 detection alarm function
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- Onvif supported
- Support Sense Up Plus and Quadruple Streaming technologies



## Dimensions 70mm(W) x 50mm(H) x 122mm(D)



IP CAMERA SERIES			
Day & Night 1080P HD IP Camera			
Model	IPG1022ESX3		
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	1/2.7" CMOS image sensor		
Effective Pixels	1920 (H) x 1080 (V) = 2,073,600 (pixel)		
Chip Size	5.856mm (H) x 3.276mm (V)		
Scanning System	Progressive Scan		
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono) / External control		
Min. Illumination	Color : 0.2 Lux at F1.2, Mono : 0.05 Lux at F1.2		
Auto Gain Control	36 dB Variable Gain		
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2		
Back Light Compensation	Off / On		
Electronic Shutter	1/30(25)s ~ 1/8000s		
Sense Up	Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames		
Sense Up Plus	Yes		
3D Noise Reduction	Off / Low / Middle / High		
2D WDR	Off / On		
Privacy Masking	Off / On (4 zones)		
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip		
Live Video Output	CVBS 1.0Vp-p, 75 ohm		
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F)		
Dimension	70mm(W) x 50mm(H) x 122mm(D)		
Weight	550g		
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)		
Power Consumption	DC12V, 6W / PoE, 7.5W		

NETWORK		
Video Compression	H.264 , Motion JPEG	
Resolution	1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)	
Multiple profile	Profile #1	H.264 1920x1080 @30fps, H.264 720x480 @30fps, JPEG 720x480 @25fps, JPEG 352x240 @25fps
	Profile #2	H.264 1280x720 @30fps, H.264 720x480 @30fps, JPEG 352x240 @25fps
	Profile #3	H.264 1920x1080 @30fps, H.264 720x480 @30fps, JPEG 1280x720 @25fps
	Profile #4	H.264 1920x1080 @30fps, H.264 720x480 @30fps, JPEG 720x480 @25fps
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP 128Kbps ~ 5Mbps	
Video Bitrate	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 Functions	Alarm / motion / tampering / face 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	
	Browser : Windows Internet Explorer 6, 7, 8	
	CPU : Intel Pentium 4 1.8GHz or above	
Network Protocols	RAM : 1GB or above, Independent Display Card	
	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTP, Telnet, Onvif	
Mobile Phone and PDA	iPhone, iPad, and Android support	
System Integration	Onvif & LILIN HTTP API	
CMX	Support CMX HD 3.6	
Video Display	LILIN Universal ActiveX & LILIN Java Applet	
OS	Embedded Linux 2.6.32	
Two-way Audio	G.711	
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.)	