



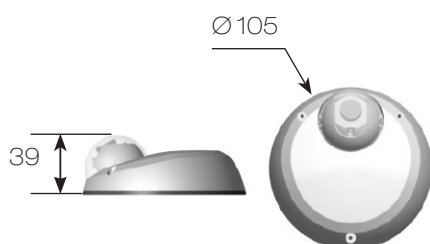
As with all Pro series cameras, 1080P HD Dome IP Camera IPD2220 incorporates Sense up+, a unique technology that successfully delivers stunning video in low-light conditions. Utilizing intelligent image signal processing, AGC control, and 3D Noise Reduction, this model successfully delivers the ultimate low-light image without motion blur. The IPD2220 is capable of producing four independent video streams, different streams can be set for different applications, depending on the individual user requirements.

FEATURES :

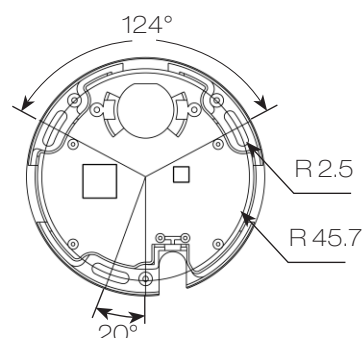
- Full HD 2 megapixel CMOS image sensor
- True H.264 AVC/MPEG-4 part 10 real-time Video compression
- H.264 and Motion JPEG multi-profile Video streaming
- 3D Noise Reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / tampering / audio / motion detection
- Built-in highly sensitive microphone
- One-way audio supported
- ONVIF supported

DIMENSIONS : (Unit : mm)

Ø105 x 39



INSTALLATION HOLE SITE DIAGRAM :



SPECIFICATION :

Name			1080P HD Dome IP Camera		
Model			IPD2220ES2		IPD2220ES4.3
Lens	Focal Length		2.8 mm		4.3 mm
	Iris		F1.8		F1.6
	Angle of View	H	105°		84.8°
		V	87°		45.2°
D		135°		100.6°	
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		
Min. Illumination			0.8 Lux at F1.8		0.6 Lux at F1.6
White balance			Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2		
Back light compensation			Off / On		
Electrical 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 / On		
Privacy Masking			Off / On (4 zones)		
Image Effects			Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip		
Operating Temperature			-25°C – +50°C (-13°F – 122°F)		
Dimension			Ø 105 x 39mm		
Weight			250g		
Power Supply			DC12V ±10% / PoE (IEEE 802.3af compliant)		
Power Consumption			DC12V, 4.5W / PoE, 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 : 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
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		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, 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
One-way audio		G.711 / PCM
SD card recording		Support Micro SD/SDHC card for circular recording (card is not included)