



Creativity Progress & Excellence

Network Product





IPD6220 / IPD6222

IMEGAPRO

1080P HD Vandal Resistant Dome 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
- Meets EN50155:2007 criteria for rolling stock applications
- 3D noise reduction (MCTF)
- 2D WDR function
- Digital PTZ supported
- Face / Tampering / Audio / Motion detection alarm function
- Impact Resistant Polycarbonate Dome Cover
- Built-in highly sensitive microphone
- One-way audio supported
- ONVIF supported

Dimensions $\Phi 115 \times 40\text{mm}$

(Unit:mm)



IP CAMERA SERIES						
1080P HD Vandal Resistant Dome IP Camera						
Model		IPD6220ES2	IPD6220ES4.3	IPD6222ES2	IPD6222ES4.3	
Lens	Focal Length	2.8mm	4.3mm	2.8mm	4.3mm	
	Iris	F1.8	F1.6	F1.8	F1.6	
	Angle of View	H	105°	84.8°	105°	84.8°
		V	87°	45.2°	87°	45.2°
D		135°	100.6°	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 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 Plus	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					
IP Rating	IP67					
Vandal Resistant Rating	IK8					
Regulatory Approvals	Rolling Stock, EN50155: 2007 compliance (shock, vibration, temperature, and EMC)					
Operating Temperature	-40°C – +55°C (-40°F – 131°F)					
Dimension	$\Phi 115 \times 40\text{mm}$					
Weight	310g					
Power Supply	PoE (IEEE 802.3af compliant)		DC12V $\pm 10\%$ / PoE (IEEE 802.3af compliant)			
Power Consumption	5W		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 & ROI	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, M12 connector	10Mbps / 100Mbps Base-T, RJ-45
	OS : Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8	
PC Requirement	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, SNMP	
Mobile phone	iPhone, iPad, and Android support	
System Integration	ONVIF & LILIN HTTP API	
CMX	CMX HD 3.6 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)	