



**Creativity Progress & Excellence**

Network Product





# IPD112S

## Day & Night 720P HD Dome 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
- 3-Axis camera construction
- Screw-on design dome cover for easy and secure installation
- Day and night function with mechanical IR cut filter
- ONVIF supported



### Dimensions $\Phi 144 \times 86\text{mm}$

(Unit:mm)



IP CAMERA SERIES		
Day & Night 720P HD Dome IP Camera		
Model	IPD112S4.3	
Lens	Focal Length	4.3mm
	Iris	F1.8
	Angle of View	49.8°(H), 36.8°(V), 63.6°(D)
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)	
Min. Illumination	Color : 3 Lux at F1.8, Mono : 0.6 Lux at F1.8	
White Balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2	
Back Light Compensation	Auto	
Electrical Shutter	1/30(25)s ~ 1/20000s	
Sense Up	Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames	
Operating Temperature	-10°C ~ +40°C (14°F ~ 104°F)	
Dimension	$\Phi 144 \times 86\text{mm}$	
Weight	500g	
Power Input Voltage	DC12V $\pm 10\%$	
Power Consumption	6W	

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
Motion Detection	Events triggered by built-in motion detection
	Image upload over FTP, e-mail by motion detection
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, ESMTMP, 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