

# IPD552EX

## Super Hi-Res. Vari-Focal Color Dome IP Camera

- Optically perfect impact and dust resistant polycarbonate dome cover
- 3-Axis camera construction
- Screw-on design dome cover for easy and secure installation
- DC 12V and Power over Ethernet (IEEE 802.3af) supported
- True H.264 AVC/MPEG-4 part 10 real-time video compression
- Full D1 resolution at 720x480(NTSC) / 720x576(PAL) in live monitoring
- Full duplex H.264 AVC and JPEG streaming
- iPhone Streamer Player supported
- Free eMobile s/w for Java mobile phone, Windows Mobile 5/6, and PDA
- Support network protocols: IP, TCP, UDP, HTTP, SMTP, ESMTP, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, Telnet, RTP, RTSP, RTCP
- ONVIF supported

### Specifications

Model		NTSC	IPD552EX4.2N	
		PAL	IPD552EX4.2P	
Lens	Focal Length	2.8 ~ 12 mm		
	Iris	F1.2		
	Angle of View	H	99.6° ~ 24.9°	
		V	73.2° ~ 18.8°	
D		128.5° ~ 31.0°		
Pick Up Element		1/3" Super HAD CCD Sensor		
Effective Pixels		768(H) x 494(V) [NTSC] , 752(H) x 582(V) [PAL]		
Chip Size		5.59mm(H) x 4.68mm(V)		
H / V Sync. Frequency		15.734KHz / 59.94Hz [NTSC] , 15.625KHz / 50Hz [PAL]		
Sync. Mode		Internal		
Scanning System		2:1 Interlace		
Resolution		540 TV Lines		
Min. Illumination		0.05Lux / F1.2		
S/N Ratio		More than 50dB ( AGC-OFF)		
Auto Gain Control		36dB Variable Gain		
White Balance		ATW		
Aperture Gain Correction		Horizontal , Vertical		
Back Light Compensation		Auto		
Gamma Characteristic		$\gamma=0.45$		
Video Output		CVBS 1.0Vp-p , 75 ohm		
Power Input Voltage		DC12V $\pm 10\%$ / POE @ IEEE 802.3af (Class0)		
Power Consumption		DC12V, 4.8W / POE, 6W		
Operating Temperature		-10°C ~ +50°C (14°F ~ 122°F)		
Dimension		$\Phi 144$ x 113mm		
Weight		520g		

Network	
Video Compression	H.264/AVC Main Profile , Level 3 (I / P / B frames) , Motion JPEG
Resolution	Full D1 : 720 x 480 (NTSC) / 720 x 576 (PAL)
	CIF : 352 x 240 (NTSC) / 352 x 288 (PAL)
Frame Rate	H.264 : up to 30/25 FPS at full D1 resolution
	JPEG : 1 FPS at CIF
Video Streaming	Simultaneous Motion JPEG and H.264 AVC Main Profile
	Program Stream (PS) and Transport Stream (TS)
OSD Image Watermark	Time / Date and Camera Title
Audio Compression	G.711 / AAC
Video Bitrate	3 Mbps to 56 Kbps
	Frame rate and bitrate controllable on-the-fly
	VBR / CBR supported
CAVLC/CABAC	Supported
Security	Base64 HTTP encryption
	Multiple user access levels with password protection
	10 user accounts available
Users	8 simultaneous unicast users (H.264)
	8 simultaneous HTTP users (H.264)
	8 simultaneous HTTP users (JPEG)
	Unlimited users using multicast (H.264)
Motion	15*10 motion detection zone
	Image upload over FTP and e-mail by motion detection
CPU, Memory	Embedded SoC ARM926 , 166 Mhz , 64MB DDR , 4 MB flash memory
Maintenance	Firmware update via HTTP
	Firmware available at web site
Network Interface	10Mbps / 100Mbps , RJ-45
Client PC Requirement	OS : Windows 2000 , Windows XP , Windows Vista
	Browser : Windows Internet Explore 5.0 or above
	CPU : Intel Pentium 4 1.8GHz or above
	RAM : 1GB or above , Independent Display Card
ONVIF	ONVIF 1.0 supported
Network Protocols	IP,TCP,UDP,HTTP,SMTP,ESMTP,NTP,DDNS,FTP,ARP,DHCP,PPPoE,DNS,Telnet,RTP,RTSP,RTCP
Mobile Phone and PDA Support	Free eMobile software for Java mobile phone , Windows Mobile 5/6 , and PDA
	3GPP H.264 w/ video via Podcast , compatible with CorePlayer , iPhone Streamer Player supported
System Integration	HTTPAPI / CMX downloadable
Video Display	VLC : H.264 HTTP , unicast , and multicast streaming
	ActiveX : for JPEG
OS	Embedded Linux 2.6.9
Alarm Input / Output	1 input / 1 Output ( N.O. / N.C. )

**Design and specification are subject to change without notice.**