

IPR 454/458

- ☉ Radiant distance up to 60m
- ☉ True H.264 AVC/MPEG-4 part 10 real-time video compression
- ☉ Full D1 resolution at 720x480(NTSC) / 720x576(PAL) in live monitoring
- ☉ High Quality ED Glass Lens
- ☉ Cable Managed Housing and Bracket
- ☉ IP66 Weather Rating
- ☉ Automatically Activates LED: Below 10 Lux
- ☉ Choice of Resolutions and Lenses
- ☉ Free eMobile s/w for Java mobile phone, Windows Mobile 5/6, and PDA
- ☉ Support Network protocol: IP, TCP, UDP, HTTP, SMTP, ESMT, P, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, Telnet



Specifications

☉ D/N Super Hi-Res. Vari-Focal Infrared IP Camera

Model	NTSC	IPR454XWN	IPR454XSN	IPR458XWN	IPR458XSN
Model	PAL	IPR454XWP	IPR454XSP	IPR458XWP	IPR458XSP
Power Input Voltage	AC 24V ± 10%			AC100 ~ 240V	
Focal Length	3.3~12 mm	9~22 mm	3.3~12 mm	9~22 mm	
Iris	F1.4				
Lens	H	89.8° ~ 23.9°	32.1° ~ 13.1°	89.8° ~ 23.9°	32.1° ~ 13.1°
	V	63.6° ~ 17.9°	23.3° ~ 9.8°	63.6° ~ 17.9°	23.3° ~ 9.8°
	D	125.7° ~ 29.9°	41.9° ~ 16.3°	125.7° ~ 29.9°	41.9° ~ 16.3°
Power Input Voltage	AC 24V ± 10%			AC100 ~ 240V	
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				
Infrared Cut Filter	Auto / Schedule / Day (Color) / Night (Mono)				
Resolution	Color : 540 TV Lines, Mono : 600 TV Lines				
Min. Illumination	Color : 0.05 Lux at F1.4, 0 Lux with IR Mono : 0.01 Lux at F1.4				
S/N Ratio	More than 50dB (AGC-OFF)				
Auto Gain Control	36dB Variable Gain				
White Balance	ATW				
Aperture Gain Correction	Horizontal, Vertical				
Electronic Shutter	1/60S ~ 1/100,000S (Auto)				
Back Light Compensation	Auto				
Video Output	CVBS 1.0Vp-p/75Ω				
Gamma Characteristic	γ =0.45				
Power Consumption	17W				
IR Rating	IP66				
Window	Φ78 Heat Resistant Glass				
Infrared LED	Peak Wavelength	850nm			
	Beam Spread	50M	60M	50M	60M
	Radiant Distance	30°			

Specifications

☉ D/N Super Hi-Res. Vari-Focal Infrared IP Camera

IP Rating	IP 66
Operating Temperature	-10°C ~ + 50°C (14°F ~122°F)
Dimension	Body : 120mm(W) x 112mm(H) x 387mm(D) / Bracket : 211.5mm(L)
Weight	2200g
Network	
Video Compression	H.264/AVC Main Profile, Level 3 (I / P / B frames), Motion JPEG
Video Compression	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)
Video Bitrate	3 Mbps to 56 Kbps
	Frame rate and bitrate controllable on-the-fly
CAVLC/CABAC	VBR / CBR supported
Security	Supported
	Base64 HTTP encryption
	Multiple user access levels with password protection
Users	10 user accounts available
	5 simultaneous unicast users (H.264)
	5 simultaneous HTTP users (H.264)
Motion	5 simultaneous HTTP users (JPEG)
	Unlimited users using multicast (H.264)
	15*10 motion detection zone
CPU, Memory	Image upload over FTP and e-mail by motion detection
Maintenance	Embedded SoC ARM926, 166 Mhz, 64MB DDR, 4 MB flash memory
	Firmware update via HTTP
Client PC Requirement	Firmware available at web site
	OS : Windows 2000, Windows XP, Windows Vista
	Browser : Windows Internet Explorer 5.0 or above
Network Protocols	CPU : Intel Pentium 4 1.8GHz or above
	AM : 512MB or above
Mobile Phone and PDA Support	IP, TCP, UDP, HTTP, SMTP, ESMT, P, NTP, DDNS, FTP, ARP, DHCP, PPPoE, DNS, Telnet
System Integration	Free eMobile software for Java mobile phone, Windows Mobile 5/6, and PDA
Video Display	3GPP H.264 w/ video via Podcast, compatible with CorePlayer
OS	HTTPAPI downloadable
	VLC : H.264 HTTP, unicast, and multicast streaming
Alarm Input / Output	ActiveX : for JPEG
	Embedded Linux 2.6.9
	1 input / 1 Output (N.O. / N.C.)