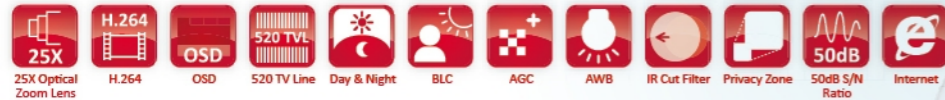


IPS 1254/1258

- 25X Optical Zoom Lens (F 3.43 ~ 85.7 mm)
- True H.264 AVC/MPEG-4 Part 10 Real-Time Video Compression
- Full D1 Resolution at 720 * 480 (NTSC)/720 * 576 (PAL) in Live Monitoring
- 520 Horizontal TV Lines
- Automatic / Manual Iris Control
- Preset Background Environment File
- Private Mask
- Up to 128 Programmable Preset Positions
- Up to 256 Fast Dome Configuration
- Free Java Phone, Window Mobile, and PDA Software Support



Specifications

25X Super High Resolution IR Fast Dome IP Camera Series

Model	IPS1254N	IPS1258N	IPS1254P	IPS1258P
System	NTSC		PAL	
Power Supply	AC 24V ±10%	AC 100V ~ 240V ±10%	AC 24V ±10%	AC 100V ~ 240V ±10%
Power Consumption	16 W			
Image Pick-up Device	Sony 1/4" EXview HAD CCD			
Effective Pixels	768 (H) x 494 (V)		752 (H) x 582 (V)	
Scanning System	2:1 Interlace			
Scanning Frequency	15.734 KHz (H) , 59.94 Hz (V)		15.625 KHz (H) , 50 Hz (V)	
Synchronization	Internal / Line Lock Selectable			
Video Output	CVBS 1.0 Vp-p / 75 ΩBNC			
Horizontal Resolution	Color : 520 TV Lines , Mono : 580 TV Lines			
Signal to Noise Ratio	More Than 50 dB (AGC : Off)			
Minimum Illumination	Color : 0.1 Lux at F1.6 , Mono : 0.01 Lux at F1.6			
Ambient Operation Temperature	- 10°C ~ + 50°C (14°F ~ 122°F)			
Operating Humidity	0% ~ 90%			
Dimensions	238 mm (H) x 145 mm (D)			
Weight	2400g			
Panning Range	360° Endless			
Panning Mode	Manual , Auto , Manual Position , Sequential Position			
Panning Speed	Manual Approx. 0.15°/s ~ 120°/s 8 Steps, 16 Steps / Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s			
Tilting Range	- 6° ~ + 96°			
Tilting Mode	Manual , Auto , Manual Position , Sequential Position			
Tilting Speed	Manual Approx. 0.15°/s ~ 120°/s 8 Steps, 16 Steps / Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s			
Zoom Ratio	25X Optical Zoom			
Focal Length	3.43 mm ~ 85.7 mm			
Maximum Aperture Ratio	1 : 1.6 (Wide) ~ 3.7 (Tele)			
Minimum Object Distance	1.5 m (Tele)			
Iris Range	F1.6 ~ 360 , Close			
Angle Field of View	Wide : 68.6° (D) 57.8° (H) 43.7° (V) / Tele : 3.12° (D) 2.53° (H) 1.83° (V)			
Control Interface	RS-485 Transmission			
Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position / Patrol			
Character Display	On / Off (Preset ID : 16 Alphanumeric Characters , Zoom Ratio , Alarm Message , Date / Time , Pan / Tilt Angle)			

Specifications

25X Super High Resolution IR Fast Dome IP Camera Series

Zoom Speed	0 ~ 7 Selectable [7 : Approx. 3.0 Second (Tele to Wide) in Manual Mode]	
Focus Speed	Slow / MID. / Fast Selectable [Fast : Approx. 2.0 Second (Far to Near) in Manual Mode]	
Auto Focus	Auto / One Push	
Iris	ALC (Adjustable Output Target Level) / Manual	
IR Cut Filter	Yes	
Password Lock	Function Setup	
Electric Shutter Speed	Auto / Manual Selectable (1/60 ~ 1/100,000 sec)	Auto / Manual Selectable (1/50 ~ 1/100,000 sec)
Back Light Compensation	On / Off Selectable	
White Balance	ATW / PUSH / MWB Selectable	
Auto Gain Control	0 ~ 36 dB Selectable	
Auto Mode	OFF / AUTO / SEQ / TOUR / PATROL (STOP / PLAY / LEARN)	
Privacy Zone	On / Off Selectable (Up to 8 Zones Settings)	
Image Mirror	On / Off Selectable	
Image Negative	On / Off Selectable	
Alarm Input / Output	6 Input [Alarm In 1 ~ 6 (NC / NO)] , 1 Output (Alarm Out NC / NO)	
Schedule Setting	Alarm Input / Auto Mode / Daylight Saving Time	
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)	
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	5 simultaneous unicast users (H.264) 5 simultaneous HTTP users (H.264) 5 simultaneous HTTP users (JPEG) Unlimited users using multicast (H.264)	
Alarm & Motion	Events triggered by built-in motion detection 15*10 motion detection zone PTZ preset triggered by external inputs Image upload over FTP and e-mail by motion detection and external alarm inputs	
CPU, memory	Embedded SoC ARM926 , 166 Mhz , 64MB DDR , 4 MB flash memory	
Web PTZ control	Pan , tilt , zoom in / out , absolute position , and video-click-n-move	
PTZ preset scheduling	Yes, via web interface	
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 : 512MB or above	
Network protocols	IP , TCP , UDP , HTTP , SMTP , ESMTP , NTP , DDNS , FTP , ARP , DHCP , PPPoE , DNS , Telnet	
Mobile phone and PDA support	Free eMobile software for Java mobile phone , Windows Mobile 5/6 , and PDA 3GPP H.264 w/ video and audio via Podcast , compatible with CorePlayer	
System integration	HTTPAPI downloadable	
Video display	VLC : H.264 HTTP , unicast , and multicast streaming ActiveX : for JPEG	
OS	Embedded Linux 2.6.9	