

IPS 0254/0258

- 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 Outdoor Super High Resolution Day & Night Fast Dome IP Camera Series

Model	IPS0254N	IPS0258N	IPS0254P	IPS0258P
System	NTSC		PAL	
Power Supply	AC 24V ±10%	AC 100V ~ 240V ±10%	AC 24V ±10%	AC 100V ~ 240V ±10%
Power Consumption	25 W (Heater : ON)			
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	326 mm (H) x 210 mm (D)			
Weight	3400g			
Heater Activation	On : 15°C , Off : 25°C			
Fan Activation	On : 35°C , Off : 25°C			
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)			

Specifications

25X Outdoor Super High Resolution Day & Night Fast Dome IP Camera Series

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)
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 , ESMTTP , 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

IPS 0354/0358

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Minimum Object Distance	1.5 m (Tele)			
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