

IPS 0354/0358

- ⊗ 35X Optical Zoom Lens (3.43 ~ 120 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, Windows Mobile, and PDA Software Support



Specifications

⊗ 35X Outdoor Super High Resolution Day & Night Fast Dome IP Camera Series

Model	IPS0354N	IPS0358N	IPS0354P	IPS0358P
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 Ω BNC			
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	35X Optical Zoom			
Focal Length	3.43 mm ~ 120 mm			
Maximum Aperture Ratio	1 : 1.6 (Wide) ~ 4.5 (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 : 2.23° (D) 1.70° (H) 1.30° (V)			

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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. 4.0 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	
Electronic 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 Explorer 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	