

ISMC1063x - XPEED IP

Series

1/4" Interline transfer CCD
 410k / 480 TV Lines / 10x Optical Zoom
 Privacy Zone Mask & Motion Detection
 Min. Illumination 0.02Lux(Night Mode @F1.8)

Pan/tilt maximum rotating speed at 180°/sec
 Support Auto Iris, Gain, Brightness, White Balance Control

Dual Stream MJPEG / H.264 (or MPEG4) Resolution D1 up to 30 (25) frames/sec
 Ethernet 10/100 Base-T

RS-485 Camera ID / Protocol compatible



Xpeed IP		Specifications
Camera	Signal System	NTSC or PAL
	Scanning System	2:1 Interlace
	Image Sensor	1/4" SONY Super HAD Interline Transfer CCD
	Sync. System	Internal / Line-Lock
	Effective Pixels Number	NTSC : 768(H) x 494(V) 380K / PAL : 752(H) x 582(V) 440K
	Video Output Level	1.0Vp-p (75Ω, composite)
	Lens	100x Zoom (10x Optical Zoom, 10x Digital Zoom), 3.8 (W)mm ~ 38.0 (T)mm, F1.6 (W) ~ F3.8 (T)
	Back Light Compensation	On/OFF
	Flickerless	On/OFF
	White Balance	Auto/Manual (Red, Blue Gain Adjustable)
	Panning/Tilting Range	Pan: 360° endless rotation; Tilt: 90°
	Panning/Tilting Speed	Manual: 0.1° ~ 360°/sec; Preset: 360°/sec; Swing: 1° ~ 180°/sec
	Panning/Tilting Accuracy	±0.25°
	Preset	128 position with Labels
	Swing / Pattern / Group	8 Swings/4 Patterns (about 5min/Pattern)/8 groups (max. 20)
	Negative / Freeze Mode	On/OFF
	Reverse / Mirror	ON/OFF (180° rotation); ON/OFF
	Power-up Action	Resume the last action executed (Preset, Swing, Group)
Auto Parking / Flip	ON/OFF; ON/OFF (rotates dome 180° at bottom of tilt travel)	
Privacy Zone	ON/OFF(8 zone settings)	
System	Main Processors	32bit Embedded CPU with Linux
	System Memory	NAND Flash Memory : 64MByte, 128MB DDR Memory
Video / Audio	Compression	MJPEG / MPEG4 / H.264
	Frame rate	Dual Mode : MJPEG (15fps) MPEG4 / H.264 (30fps)
	Resolution	VGA (640 x 480), QVGA (320 x 240)
	Video streaming	MJPEG / MPEG4(or H.264) Dual mode Constant and variable bit rate in MPEG4 (128kbps ~ 3M bps) Controllable frame rate and bandwidth
	Image settings	Compression level setting Configurable Brightness, Sharpness, White Balance
	Audio	Two-way (Full duplex / ADPCM G.726)
Network	Protocol	IPv4, HTTP, TCP, RTSP, RTP, RTCP, UDP,SMTP, FTP, ICMP, DHCP, UPnP, Bonjour, ARP, DNS, DynDNS
	Supported DDNS	1. CNB DDNS 2. DynDNS.org 3. Reference code with SDK
	Video access from Web browser	Camera live view for up to 10 clients
	LAN Interface	Ethernet 10/100 Base-T (RJ-45 Type)
	Support PoE	Standard IEEE 802.3af supported (Option)
Security	Access level setup	Multiple user access levels with password protection
	Network Security	IP Filtering
Alarm and Event Management	Image detection	Motion detection (Select 3 Regions - each area)
	Sensor detection	Sensor In, Scheduling, Alarm out
	After Event process	JPEG Image upload over FTP server / SMTP (E-mail server)
	Local storage	JPEG Image write to Internal memory - Internal memory : Max 32MByte
	Pre / Post alarm	Detail time-set : Max Pre alarm 5 sec / Post alarm 8 sec Local storage (Internal memory : JPEG image)
Applications	Browser	Internet Explorer 6.0 over
	Monitoring Application	Web Viewer (Window Web Browser Base) Live view for up to 10 user clients Video Snapshot & recording to file (JPEG file) XNVR Viewer and Utility (IP-Installer, etc)
Maintenance	System Upgrade	Firmware upgrade over HTTP
	PTZ control (RS-485)	PTZ Protocol Service (User define update)
Mechanical	Operating Temperature	0°C ~ 40°C
	Power	DC 12V Max. 5 W
	Dimensions	Dome: 115(Ø); Housing: 147.5(Ø) x 141(H) mm
	Weight (Net)	Approx. 1kg