



Product description: Mini dual visible and thermal camera

Product name: SC MI series



Detection range 2,500 meters for human and up to 5,500 meters for vehicles, based on lens options

Features:

- Independent defogging defrosting module, solve the camera and lens fogging.
- High-quality heating parts are used in the camera housing, so that the whole housing can work together to form an effective anti-fog and defogging.
- PTZ adopts the integrated upper and lower structure so that the PTZ and infrared housing will not bump and dislocate.
- PTZ standard with the original regulator module, filter the vehicle transient current instability, so that PTZ remains stable.

Thermal Vision Supplement: PTZ adopts 75mm Thermal Camera multi-angle work together; the working life up to 30,000 hours, thermal vision is 100 – 3,000 meters for human detection and up to 6,000m for vehicles.

HD IP: PTZ support mainstream megapixel digital high-definition movement and HD SENSOR HD picture capture, compatible with mainstream HD platform and seamless docking, the maximum support 1080P output, support for dual-stream and high-definition capture, support IE browser.



Application:

- Police mobile law enforcement.
- Fire emergency command.
- Emergency command system.
- Road mobile patrol.
- Urban management law enforcement.
- Special vehicle mobile inspection.
- Security Surveillance.

Camera data:

Product		SCMI75		
		Object	Human (1.8*0.5 m)	Vehicle (2.3*2.3 m)
Monitoring Distance		Detection Distance	2,790 m	6,764 m
		Recognition Distance	697 m	1,694 m
		Identification Distance	348 m	845 m
Thermal Camera	Resolution (pixels)	640x480		
	Spectral response	8-14μm (Un-cooled LWIR micro-bolometer)		
	Pixel Pitch	12μm		
	Thermal Sensitivity (NETD) of sensor	<50mK @f1.0, 30Hz, 300K		
	Operating temp (Ambient temp)	-10°C to 60°C		
	Video Output	Compressed video data, H.264, MPEG4, MJPG (ONVIF/POE supported) BNC connector(composite): NTSC 30Hz, PAL 25Hz HDMI: Selectable (50Hz or 60 Hz), HDMI: 480p, 576p, 720p, 1080i, -1080p selectable		
	Ethernet	Giga Ethernet(10/100/1000Mbps)		
	Lens	50mm, 75mm Motorized focus		
Visible Light Camera	Image Sensor	1/3" Progressive CMOS		
	Effective Pixels	1920x1080		
	Optical Zoom	4.6 -180mm		
	Aperture	F1.6-F4.8		
	Angle of View	Horizontal: 60.08-2.08° (Wide-Tele), Vertical: 35.32°-1.18°		
	Day / Night	IR-CUT, Auto, Color, B/W		
	Zoom Speed	3 Sec. (Optical, Wide ~Tele)		



Parameter	Definition	Main Bit stream: 50HZ:25fps (1920x1080, 1280x720) 60HZ:30fps (1920x1080, 1280x720) Sub-bit stream: 50HZ:25fps (720x576, 352x288) 60HZ:30fps (720x480, 352x288)
	Mini. Illumination	Color: 0.01Lux @ (F1.6, AGC ON), B/W: 0.005Lux @ (F1.6, AGC ON)
	Video Out	RJ45
	Setting	Brightness, Contrast, Saturation, Sharpness, Chroma
	Function	Area Mask, WDR, Anti-flicker, Defogging, Mirroring, Aisle Mode, Rotation, BLC, HLC, Exposure Compensation, Defective Pixel Compensation, Power Loss Recovery, Distortion Correct, DIS, 3D Position
	ROI	4 Areas
	Focus	Auto/Manual/One-time Focusing
	Exposure	Auto/Aperture/Shutter/Manual/Low luminance/High luminance
	Electronic Shutter	1/25~1/100000
	DNR	2D / 3D
	WB	Auto/ Manual/ Sunshine/ Cloudy/ Dusk/ Sodium Lamp/ Fluorescent Lamp/ One-time Tracking/ Auto-tracking/ Locked
	WDR	Super WDR, Digital WDR, 0~100
	Lens Initialization	Built-in
	Electronic Zoom	16x
Signal System	PAL/NSTC	

Network	Storage	Support MicroSD 128G (Suggest class 10)
	Smart Alarm	Motion Detection, Camera Shaded, Network Disconnected, IP Conflict, HDD Error, HDD Full
	Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS (IPv6 Optional)
	System Compatibility	ONVIF2.4, FV Private, Active Registration, CGI, Dahua, Hikvision
	Dual Bit Rate	1080P/720P (Main), D1/CIF (Sub)
	Video Compression	H.265/H.264
	Audio Compression	G.711A, G.711U, G.726, AAC
	Function	Password Protection, Heartbeat, Multiple User Access Control
Interface	Interface	26pin FFC (Network Interface, RS485, RS233, CVBS, Alarm In/Out, Audio In/Out, USB, Power)
	Communication	RS232 (VISCA), RS485 (Pelco, FV)



General	Temperature / Humidity	10°C~+60°C <90%
	Power Supply	DC12V±10%
	Power Consumption	Static: 2.5W, Dynamic: 4.5W
	Dimension	398 x 243.5 x 211.25 mm

PT Drive function:

Pan preset speed	100°/s
Tilt preset speed	60°/s
Pan control speed	0°~60°/S
Tilt control speed	0°~40°/S
Pan range	360°endless rotation
Tilt range	+90° ~ -90°
Preset positions, Tracking	256 positions 8 tracking
IR Distance	2 groups lens, 100m night vision
Control Way	RS485, Built-in PELCO D/P 16 protocol, Baud Rate from 2400Bps to 19200Bps optional
Relative Humidity	Less than 90%
IP Grade	IP66
Working Temperature	-35° ~ +55°
Impact resistance requirements	≥4G
Wiper	Support
Installation	Variety of installation according to the environment
Weight	7kg



Measures and Diagram: (mm)

