

MS72533-FN & FNW-SIR50-L0200

5.0MP Starlight & Ultra WDR HD Network Vandal-Proof Varifocal IR Semi Dome



Features

Excellent Image Quality

- 5.0 Megapixel 1/2.8" progressive scan CMOS sensor
- High definition and smooth picture, 2592x1944@30fps
- H.265 video codec, saves up to 50% bandwidth and storage
- Ultra low illumination, 0.005lux with color picture
- 120dB Ultra WDR
- 3D noise reduction / Auto Iris / HLC

Intelligent Functions

- Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge
- Support Deep Learning Algorithm

Vandal-Proof

- Above IK10 @ 50J collision energy

Integrated High Efficiency IR

- Industrial IR LED with long operational lifespan
- Up to 50m IR distance
- Smart IR function

A Variety of Installation Modes

- Supports 90°, 180°, 270° image rotation
- Motorized varifocal lens

Abundant Functions and Features

- Micro SD card slot, supports Automatic Network Replenishment (ANR)
- Bi-directional audio / alarm in and out / RS485 / Built-in Mic & Speaker
- Wi-Fi supported (-FNW only)
- 2 channel audio input simultaneously
- Up to 3 Multi-stream
- PoE
- IP67

Specifications

MS7533-FN-SIR50-L0200		MS72533-FNW-SIR50-L0200	
Camera			
Image Sensor	1/2.8" progressive scan CMOS		
Pixels	5.0 Megapixel		
Min. Illumination	Color: 0.005lux@ (F2.0, AGC ON) B/W: 0.0005lux@ (F2.0, AGC ON); 0lux with IR		
Shutter Speed	1 ~ 1/30,000s		
Day / Night	Auto (ICR) / Color / B/W		
Wide Dynamic Range	Ultra WDR, >=120dB		
S/N Ratio	>=58dB		
White Balance	Auto / Manual		
Gain Control	Auto / Manual		
Backlight Compensation	Off / BLC / WDR / HLC		
Lens			
Mount Type	M12		
Focal Length	2.0mm@F2.0		
Angle of View	H:10200:Horizontal:149.2° Vertical:113.8°		
Adjustment Range	Pan: -120° ~ +120° / Tilt: 0° ~ 65° / Rotation: -90° ~ +90°		
Infrared			
IR Distance	50m		
IR Intensity	Smart IR		
Video			
Compression	Smart 265 / H.265(Main Profile) / H.264(BaseLine Profile/Main Profile/High Profile) / MJPEG		
Image Resolution	Main stream: 2592x1944		
	Secondary stream: 720P		
	Third stream: D1		
Frame Rate	Main stream: 2592x1944@30fps		
	Secondary stream: 720P@30fps		
	Third stream: D1@30fps		
Bitrate	32kbps ~ 16Mbps		
Bitrate Control	VBR / CBR		
Multi-stream	Supported		
Caption	Date and time / Alarm / Customized		
Privacy Masking	Up to 4 zones		
Motion Detection	Up to 4 zones		
Video Freeze	Supported		
ROI	Supported		
Digital Noise Reduction	3D noise reduction		
Digital Defog	Supported		
Distortion Correction	Supported		
Image Flip	Flip / Mirror / Rotation at 90°, 180°, 270°		
Audio			
Compression	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c / G.726		
Bitrate	32kbps ~ 64kbps		
Audio Function	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute		
Network			
Network Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, IGMP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)		
User Interface	IPC Control (IE, Firefox, Chrome)		
Max. User Access	Max. 20 Users (includes 2 internal)		
Wireless			Wi-Fi
Wi-Fi			802.11b/g/n 2.4G, Wi-Fi AP
Application Programming	ONVIF (Profile S, Profile G), GB/T 28181-2016, API, CGI		
Automatic Network Replenishment (ANR)	Supported		
Alarm			
Alarm Triggers	Alarm input / Network disconnect / Disk full / Disk error		
Basic Intelligent	Tampering / Defocus / Scene change / Object left / Object removal / Audio surge		
Deep Learning Intelligent	Human & Vehicle Detection:		
	Motion detection / Guard line / Enter guard area / Exit guard area / People Gathering		
Alarm Events	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm		
Interfaces			
Ethernet	10/100M, RJ45 interface		
Wi-Fi			Built-in Wi-Fi module
Audio In / Out	1 x Line In, 1 x Line Out, 1 x Built-in Mic in, 1 x Speaker		
Control	1 x RS485		
Alarm In / Out	2 x Input / 1 x Output		
Memory Slot	Micro SD card slot, supports up to 256GB		
Environmental			
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F		
Operating Humidity	10% ~ 95%, No condensation		
Protection Level	IP67, IK10+ @50J		
Electrical			
Power	12V DC ± 10% / PoE (IEEE802.3af)		
Power Consumption	Max. 12W		
Mechanical			
Weight	0.71 kg / 1.57lb (Gross Weight)		
Dimensions	Ø122× 99.6mm / Ø4.8" x 3.92"		

Dimensions

Units:mm

