

# 1.3/2/3 Megapixel Wi-Fi Mini Cube Network Camera



MS-C2191-PW/MS-C3291-PW  
MS-C3596-PW

**DATASHEET**

## KEY FEATURES

- ▶ **Built-in Microphone** (Supporting audio function to hear what is happening in front of the camera.)
- ▶ **Advanced Functions** (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- ▶ **SIP** (Session Initiation Protocol. Providing audio/alarm/intercom and video streaming for mobile phones and video phones.)
- ▶ **64G** (Supporting external microSD/SDHC/SDXC storage up to 64G.)

### IR-III Dot Infrared Lights

Long visible distance  
Lighting evenly  
Long life-span



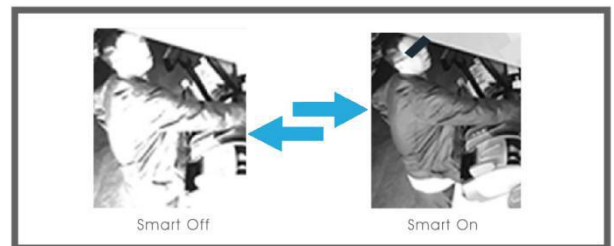
### Professional-grade Lens

Built-in 6 pieces optical lens to ensure high definition image



### Smart IR

Smart IR accurately reproduces objects without overexposure, even close to the camera, where details are often bleached out and impossible to see clearly with conventional IR cameras.



### SIP/VoIP Support

With the build-in microphone and loudspeaker, Milesight Mini Cube Camera features industry leading SIP/VoIP function and video streaming for mobile phones and video phones.

### WPS (Wi-Fi Protected Setup)

Easy to set up Wi-Fi Protected Access by simply pushing a button. Add Milesight Mini Cube Camera to an existing network without entering long passphrases.



# Wi-Fi Mini Cube Network Camera

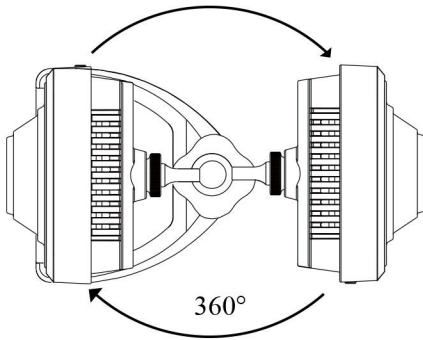
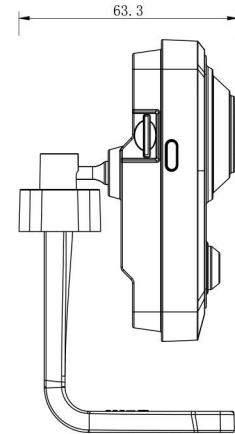
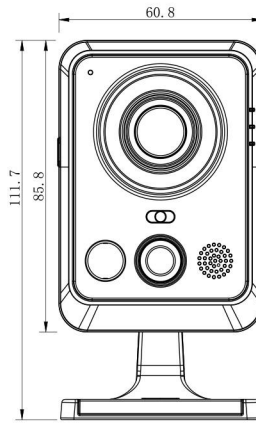
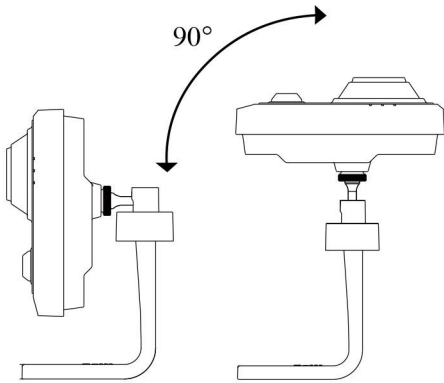
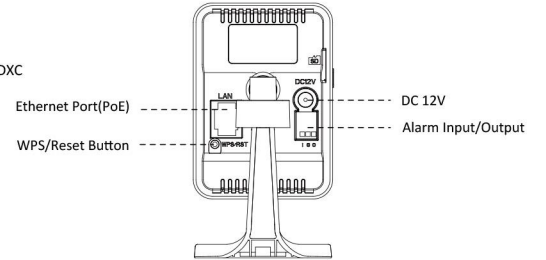
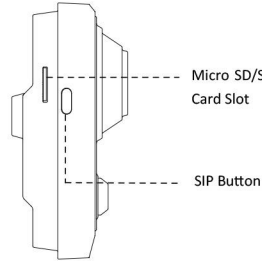
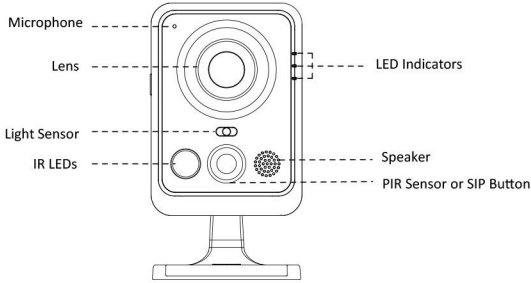


	Model	MS-C2191-PW (1.3MP)	MS-C3291-PW (2MP)	MS-C3596-PW (3MP)
<b>Camera</b>	Image Sensor	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.1Lux@F1.2 B/W: 0Lux with IR on	Color: 0.1Lux@F1.2 B/W: 0Lux with IR on	Color: 0.2Lux@F1.2 B/W: 0Lux with IR on
	WDR	WDR		
	Lens	3.6mm/6mm @F1.6		
	Mount	M12		
	Field of View	H84°(3.6mm)	H88°(3.6mm)	H84°(3.6mm)
	Shutter Time	1/100000s~1/5s		
	IR Distance	Up to 10m		
Day&Night	ICR Filter Auto Switch			
<b>Video</b>	Max. Image Resolution	1280×960	1920×1080	2048×1536
	Primary Stream	30fps@( 1280×960, 1280×720, 704×576)	30fps@( 1920×1080, 1280×960, 1280×720, 704×576)	30fps@(2048×1536, 1920×1080, 1280×960, 1280×720, 704×576)
	Secondary Stream	30fps@(704×576, 640×480, 640×360, 352×288, 320×240, 320×192, 320×176 )		
	Video Compression	H.264/ MPEG-4/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
<b>Network</b>	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Network Storage	NAS(Support NFS, SMB/CIFS)		
	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN		
<b>Wi-Fi</b>	Wireless Standard	IEEE802.11b, 802.11g, 802.11n Draft		
	Frequency Range	2.4 GHz~2.4835 GHz		
	Channel Bandwidth	20/40MHz Support		
	Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS		
	Transmission Rate	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps		
<b>Audio</b>	Audio Streaming	Built-in Microphone and Speaker		
	Audio Compression	G.711/AAC		
<b>System</b>	Alarm I/O	1/1		
	Storage	Support microSD/SDHC Local Storage, up to 64G		
	Advanced Function	Motion detection, Privacy Masking, Backlight compensation, 3D-DNR, PIR detection, ROI		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, PIR Detection, External Input, etc.		
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone		
	System Compatibility	ONVIF Profile S		
<b>General</b>	Working Temperature	-30℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE/ DC 12V±10%		
	Power Consumption	3.6W MAX 4.8W MAX (With IR on)	4.6W MAX 5.8W MAX (With IR on)	4.6W MAX 5.8W MAX (With IR on)
	Weight	115g		
	Dimensions	85mmx60mmx35mm		
	Warranty	3/5 Years		

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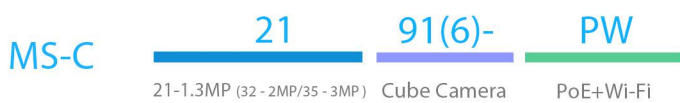


## Structure Diagrams



Units: mm

## Naming Convention



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