



	Model	MS-C2181 (1.3MP)	MS-C2681 (1.3MP)	MS-C3581 (2.0MP)	MS-C3586 (3.0MP)	MS-C3688 (5.0MP)
Camera	Image Sensor	Progressive Scan CMOS				
	Min. Illumination	Color: 0.1Lux @F1.2 B/W:0.05Lux @F1.2	Color: 0.5Lux @F1.2 B/W:0.2Lux @F1.2	Color: 0.2Lux @F1.2 B/W: 0.1Lux @F1.2		Color: 0.5Lux @F1.2 B/W: 0.2Lux @F1.2
	WDR	D-WDR				
	Lens	3.6mm (2.8mm, 6mm optional) F1.6				
	Mount	M12				
	Field of View	D106° × H84.8° × V63.6°(3.6mm)				
	Shutter time	1/100000s~1/5s				
	Video	Max Image Resolution	1280 × 960		1920 × 1080	2048 × 1536
Frame rate		30fps (1280 × 960), 30fps (1280 × 720), 30fps (704 × 576)		30fps (1920 × 1080), 30fps (1600 × 1200), 30fps (1280 × 960), 30fps (1280 × 720), 30fps (704 × 576)	15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1600 × 1200), 30fps (1280 × 960), 30fps (1280 × 720), 30fps (704 × 576)	8fps (2560 × 1920), 15fps(2048 × 1536), 30fps(1920 × 1080), 30fps(1600 × 1200), 30fps(1280 × 960), 30fps(1280 × 720), 30fps(704 × 576)
Video Compression		H.264/ MPEG-4/ MJPEG				
Video Bit Rate		16Kbps~16Mbps (CBR/VBR adjustable)				
Image Setting		Brightness/Contrast /Saturation /Sharpness				
Audio		Audio Streaming	Build-in Microphone			
	Audio Compression	G .711/AAC				
System	Ethernet	1 RJ45 10M/100M Ethernet port				
	Protocol	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, UPNP, SIP				
	Storage	Build-in Micro SD/SDHC card, up to 64G				
	Advanced Function	E-PTZ, Motion detection, Privacy Masking, Backlight compensation, 3D-DNR				
	SIP/VoIP Support	Yes, Voice & Video-over-IP				
	Event Trigger	Motion detection, Network disconnect, Audio trigger etc				
	Event Action	FTP upload / SMTP upload/SD card record/ SIP Phone				
	System Compatibility	ONVIF/PSIA				
General	Working Temperature	-10°C ~60°C				
	Working Humidity	0~90% (non-condensing)				
	Power Supply	PoE				
	Power Consumption	4W MAX				
	Weight	125 g				
	Dimensions	85mm × 85mm × 46.1mm				

Note: E-PTZ only supports MS-C2681 and MS-C3688, under the 720P.

