



IP Network Camera

2MP IP Starlight WDR Mini Bullet

IMB219-F4W

2MP IP True WDR Mini Bullet Camera with Board Lens

- 1/2.8" 2.9µm Pixel Progressive Sony Starvis CMOS Sensor
- 2MP (1920 X 1080) Max. 30fps
- 19Ømm Bullet Miniature Water-proof Housing
- 4mm Mega Lens (Lens Options are Available)
- WDR, DSS(Sens-up), 3DNR Supported
- Onvif Ver. 17.06 Compatible
- Supported Video Codec: H.264, MJPEG
- Built-in POE Cable
- IR Cut Filter
- Optional Ring Mount
- PoE Cable
- Made in Korea
- NDAA Compliant

Lens Options

IMB219-F3.6W	3.6mm
IMB219-F4W	4mm

*Lens and cable can be customized up on request



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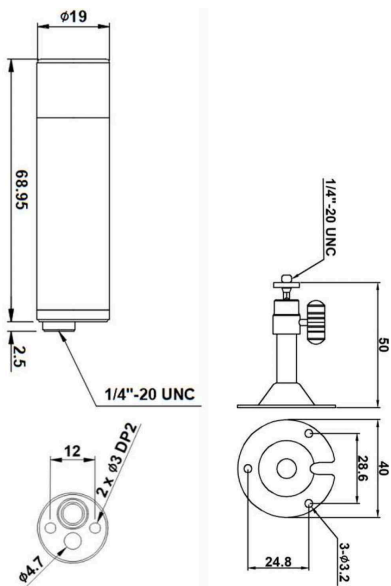
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General Feature Diagram (mm)



Technical Specification

Image	Image Sensor	1/2.8"(D-6.46mm) 2.12M Sony CMOS Sensor
	Size	1/2.8 inch
	Sensitivity	0.1Lux, 0.003Lux (DSS on)
	Total Pixels	2.16MP [1,945(H)x1,109(V)]
	Effective Pixels	2.12MP [1,937(H)x1,097(V)]
Function	Day & Night	Auto / Day(Color) / Night(BW), ICR Control
	Privacy Area	On/Off (16 Programmable Zones)
	Motion Detection	432 Zone, Sensitivity 1~5 Step, On/Off
	Ext. Video	CVBS 1.0Vp-p, (75Ω)
	WDR	True WDR, On/Off
	DNR	2D DNR, 3D DNR - HDR
	Defog	Detects Foggy, On/Off
	Elec. Shutter	1/25(30)~1/30,000sec
	Color Adjust	Bright / Contrast / Saturation / Sharp / Hue
	White Balance	Auto(Indoor) / Auto(Outdoor) / Push / User
	OSD Display	Via Webpage Viewer
	Image Mirror	Normal / Mirror(H) / Flip(V) / Both(HV)
Electrical	Power Supply	Less than 1.6 Watts (130mA)
Environmental	Temperature	Working Temp: 32°F ~ 122°F (0°C ~ +50°C) / Preservation Temp: 14°F ~ 140°F (-10°C ~ +60°C)
Network	Interface	RJ45 10/100 Base-T PoE
	Protocol	TCP/IP, UDP/IP, RTP, RTSP, RTCP, NTP, HTTP, DHCP, FTP, SMTP, DNS, DDNS, Onvif 17.06 Compatible
	Onvif	The Latest Version
	Simultaneous Access	Max. 3 Users
	FTP Uploading	MJPEG Still Image
Video	Video Compression	H.264 (High, Main, Base Line Profile), MJPEG
	Resolutions	1920x1080/1280x1024/1280x960/1280x720/1024x768/640x480/320x240
	Frame Rate	30fps @ All Resolution
	Video Streaming	Simultaneously H.264 and MJPEG, Independent Frame Rate and Bandwidth Control, VBR/CBR Mode
	Video Quality	H.264: Bitrate Control / MJPEG: Quality Level Control
Software	Client Software	Built-in Web, Onvif Compatible 3rd Party VMS
Web Browser	OS / Manager / Viewer	OS: Windows7,8,10, MAC / Manager: Internet Explorer 11 or higher, Chrome, Firefox, Safari, Opera
Event	In / Out	In: Trigger / Network Loss / Tampering / Motion, Out: FTP
System	OS	Embedded Linux
Physical Spec	Dimension	19Ø (Bullet Diameter) x 71.45(L)
	Lens	3.6mm (Options are Available)
	Mount	Optional Ring Mount

* Specification and Design are subject to change without notice due to product improvement.



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