

IPC-VT506FSD(2.8mm)
6 MP IR Fixed Bullet Network Camera



Key Features

Up to 6 megapixel high resolution

Max. 3072 × 2048 @20fps

2.8 mm fixed lens

H.265, H.265+, H.264+, H.264

120dB WDR

Powered by Darkfighter

12 VDC & PoE (802.3af, class 3)

Support on-board storage, up to 128GB

IP67

BLC/3D DNR/ROI

Color: 0.008 Lux @ (F1.2, AGC ON), 0.014 Lux

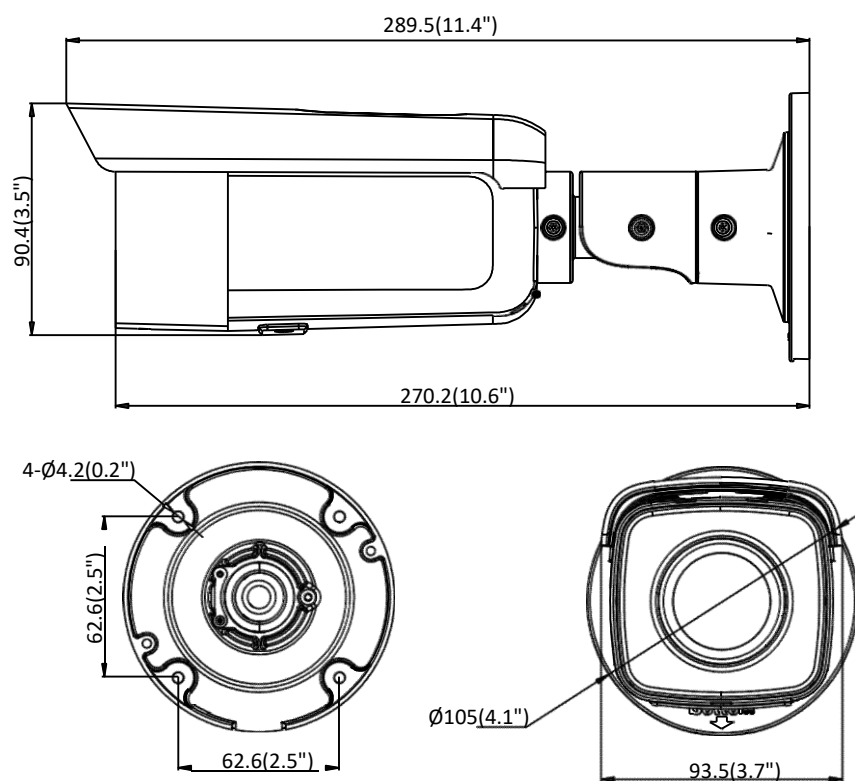
@(F1.6, AGC ON)

Specification

Camera	
Image Sensor	½.4" Progressive Scan CMOS
Min. Illumination	Color: 0.008 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.6, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Focal length	2.8mm
Focus	Fixed
Lens	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128°
Lens Mount	M12
Aperture	F1.6
Day & Night	IR cut filter
DNR	3D DNR
Wide Dynamic Range	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
Image	
Max. Resolution	3072 × 2048
Main Stream	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, brightness, contrast, saturation, and sharpness are adjustable via web browser and client software
ROI (Region of Interest)	Support 1 fixed region for main stream and sub stream separately
Day/Night Switch	Day/Night/Auto/Schedule
* Note: When the main stream resolution is 3072 × 2048 and above, max frame rate is 20 fps for all streams.	
Network	
Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.80
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	MWAPP, MWCMS
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
SVC	H.265 encoding and H.264 encoding support
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection
Exception Detection	Scene change detection
Face Detection	Yes
General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption	12 VDC, 0.5 A, max: 8 W PoE: (802.3af, 36 VDC - 57 VDC), 0.4 A - 0.2 A, max: 9.5 W
IR Range	Up to 50 m
Wavelength	850 nm
Protection Level	IP67
Material	Front cover: Metal, back cover: Metal
Dimensions	Camera: Ø105 × 289.5 mm (4.1" × 11.4")
Weight	Camera: 1000 g (2.2 lb.) With package: 1500 g (3.3 lb.)

Dimensions



Unit: mm

Accessories



MRubber Sleeve
Rubber sleeve with weather proof



MDS-1275ZJ-SUS
Vertical Pole Mount



MDS-1276ZJ-SUS
Corner Mount



MDS-1280ZJ-S
Junction Box



MDS-1260ZJ
Junction Box