



SC-3256WD-IO-F16



Key Features



- High quality image with 5MP, 1/2.7" CMOS sensor
- 5MP (2880 x 1620)@25/30fps, 4MP (2560 x 1440)@25/30fps, 3MP (2304 x 1296)@25/30fps, 2M (1920 x 1080)@25/30fps
- Wide Angle Technology realize the horizontal viewing angle of 180°
- The dewarp level can be configured in the range of 1-9
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and light, etc., accurately focus on human and, motor vehicles and non-motor vehicles
- 120dB true WDR technology enables clear image in strong light scene
- Built-in Mic
- Smart IR, up to 20m (66ft) IR distance
- Supports 256 GB Micro SD card
- IP67 protection
- IK10 vandal resistant



Specifications

Camera		SC-3256WD-IO-F16			
Sensor	1/2.7", 5.0 Megapixel, progressive scan, CMOS				
Min. Illumination	Color: 0.001 Lux (F1.0, AGC On) 0 Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto, manual, 1 ~ 1/100000s				
Adjustment Angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotate: 0° ~ 360°				
WDR	120dB				
S/N	>56dB				
Lens					
Lens	1.68mm@F2.0				
Iris	Fixed				
Angle of View (H)	180°				
Angle of View (V)	100°				
Angle of View (O)	180°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	1.68	37.8 (124.0ft)	15.1 (49.6ft)	7.6 (24.8ft)	3.8 (12.4ft)
Illuminator					
IR Range	Up to 20m (66ft) IR Range				
Wavelength	850nm				
IR On/Off Control	Auto, manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 Code Profile	Baseline profile, Main profile & High profile				



Frame Rate	Main Stream: 5MP (2880 x 1620) max. 30fps, 4MP (2560 x 1440) max. 30fps, 1080p (1920 x 1080) max. 30fps Sub Stream: 1080p (1920 x 1080) max. 30fps, 720p (1280 x 720) max. 30fps, D1 (720 x 576) max. 30fps, 640 x 360 max. 30fps, 2CIF (704 x 288) max. 30fps, CIF (352 x 288) max. 30fps Third Stream: D1 (720 x 576) max. 30fps, 640 x 360 max. 30fps, 2CIF (704 x 288) max. 30fps, CIF (352 x 288) max. 30fps
Video Bit Rate	128 Kbps ~ 10 Mbps
U-Code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Triple Streams
Image	
White Balance	Auto, outdoor, fine tune, sodium lamp, locked & auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, flip vertical, flip horizontal, 180°
Dewarping	Support
HLC	Support
BLC	Support
Defog	Digital Defog
Intelligent	
Smart Intrusion Prevention	Support false alarm filtering: Cross Line, Intrusion, Enter Area & Leave Area detection
Events	
Basic Detection	Motion detection, ultra motion detection, tampering alarm & audio detection
General Function	Watermark, IP address filtering, tampering alarm, access policy, ARP protection, RTSP & User authentication
Audio	
Audio Compression	G.711u, G.711A
Audio Bitrate	64Kbps



Two-Way Audio	N/A
Suppression	Support
Sample Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4/IPv6, IGMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTCP, RTMP, DNS, DDNS, NTP, FTP, HTTP, HTTPS, SMTP, 802.1x, SNMPT, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: Administrator, Common User & Operator
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE, and digest authentication for ONVIF
Client	EZStation, EZView, EZLive
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
Wi-Fi	N/A
Network	1 RJ45 10M, 100M Base-TX Ethernet
Video Output	N/A
Certifications	
EMC	CE-EMC: (EN 55032, EN61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR Part 15 B)

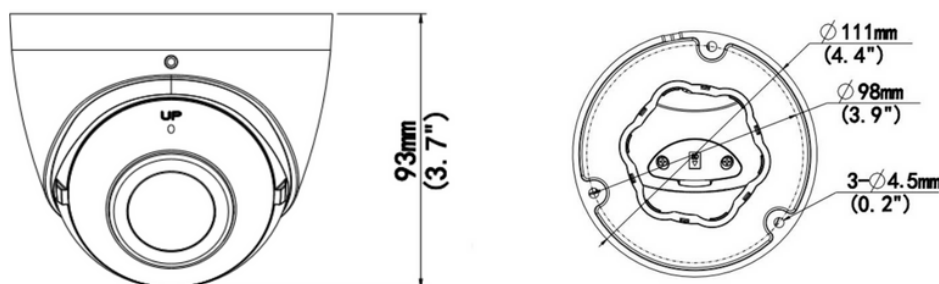


Safety	CE-LVD: EN 62368-1, CB: IEC 62368-1, UL/CUL: UL 62368-1, CAN/CSA No. 62368-1
Environment	CE-RoHS (2011/65/EU; (EU) 2015/863), WEEE (2012/19/EU)
Protection	IP67 (IEC 60529), IK10 (IEC 62262)

General

Power	DC 12V±25%, PoE (IEEE 802.3af). Power consumption: Max. 5.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Ø111 x 93mm (Ø4.4"x 3.7") (Ø x H)
Weight	0.48kg (1.06lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Support

Dimensions



Accessories



TR-JB04-C-IN
Junction Box



TR-JB07/WM03-G-IN
Wall Mount



TR-A01-IN
Waterproof Joint



TR-WM03-D-IN
Wall Mount



TR-UM06-E-IN
Incline Ceiling Mount



TR-UP06-IN
Pole Mount