



SC-2083-IGS-F28M



Key Features



- High quality image with 8MP, 1/2.7" CMOS sensor
- 8MP(3840* x 160)@20fps, 5MP(3072 x 1728)@25/30fps, 4MP(2560 x 1440)@25/30fps, 2MP(1920 x 1080) @25/30fps
- Ultra 265, H.265, H.264, MJPEG
- LightHunter technology ensures high image quality in low illumination environment 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 50m (164ft) IR distance Supports 256 G Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis



Specifications

Camera		SC-2083-IGS-F28M			
Sensor	1/2.7", 8.0 Megapixel, progressive scan CMOS				
Min. Illumination	Support LightHunter: Color: 0.005 Lux (F1.6, AGC On) 0 Lux with IR On				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto, manual, 1 ~ 1/100000 s				
Adjustment Angle	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°				
S/N	>56dB				
WDR	120dB				
Lens					
Lens Type	2.8mm & 4.0mm @1.6, Fixed-Focal				
Lens Mount	M12				
Angle of View (H)	112.9°				
Angle of View (V)	59.1°				
Angle of View (D)	121.2°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	84	33.6	16.8	8.4
	4.0	120	48	24	9.0
Illuminator					
IR Range	Up to 50m (164ft) 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: 8MP (3840 x 2160) max 20fps, 5MP (3072 x 1728) 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
Video Bit Rate	128 Kbps ~ 16 Mbps
U-Code	Supported
9:16 Corridor Mode	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto, outdoor, fine tune, sodium lamp, locked & auto2
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, Vertical, Horizontal, 180°, 90° Clockwise, 90° Anti-Clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog
Events	
Basic Detection	Cross line, Intrusion (based on human body detection), motion detection, tampering alarm & audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication & HTTP authentication

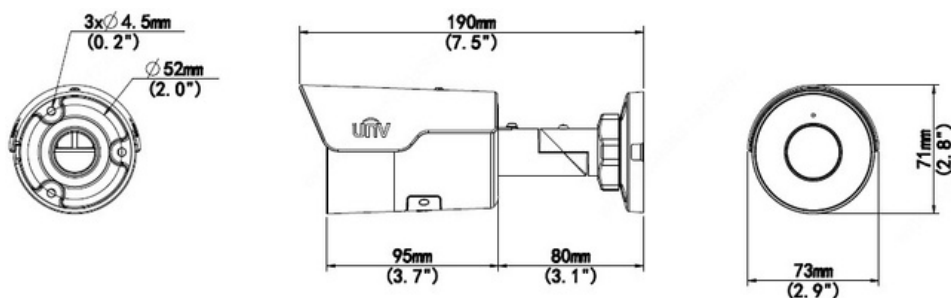


Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD card, up to 256 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, 802.1x, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API & SDK
User/Host	Up to 32 users. 2 user levels: administrator & common user
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic & digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE & digest authentication for ONVIF
Client	EZStation EZView EZLive
Web Browser	Plug-in required: IE9+, Chrome 41 & below, Firefox 52 & below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
Interface	
Network	1 *RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
Certification	
EMC	FCC: FCC Part15
Safety	CE: EN 60950-1 UL: UL60950-1 IEC 60950-1
General	
Power	12 V DC±25%, PoE (IEEE802.3 af) Power consumption: Max 6.5W
Power Interface	Ø 5.5mm coaxial power plug



Dimensions	190 x 73 x 71mm (7.5" x 2.9" x 2.8") (L x W x H)
Weight	0.45kg (0.99lb)
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	Supported
Ingress Protection	Ingression Protection: IP67

Dimensions



Accessories



TR-JB05-B-IN
Junction Box



TR-UP06-C-IN
Pole Mount



TR-A01-IN
Plastic Waterproof Joint