

5MP Metal Dome Camera

SC-IW520DM-W

Key feature

- 1/2.8" 5MP Progressive CMOS Sensor
- H.264 & H.265 Dual-Stream Encoding
- 3.6mm Lens, 5 MP Lens
- IR Distance 20-25 Mtr
- PoE Enabled
- Wi-Fi Enable
- IP66 Compliant
- IK10 Compliant

Product Specifications

Camera

Image Sensor	1/2.8" 5MP Progressive CMOS Sensor
Effective Pixels	2704(H)×1950(V)
Minimum Illumination	Color: 0.01 Lux @F1.2, B/W: 0.001 Lux@F1.2, 0 Lux at IR ON
S/N Ratio	>60dB
IR Distance	IR Distance 20-25Mtr
Shutter Speed	Auto, Manual Mode: 1/50 sec 1/10000 sec
WDR	80dB
IR On/Off Control	Auto/ Manual
Lens	
Lens Type	Fixed
Mount Type	M12
Focal Length	3.6mm Lens
Max. Aperture	F1.8
Angle of View	Horizontal Angle- 81°, Vertical Angle- 64°, Diagonal Angle- 81°
Focus Control	Fixed

Video

Compression	H.265/H.264
Streaming Capability	2 Streams
Resolution	5MP (2592X1944)/1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/VGA (640×480)/ CIF (352×288/352×240)
Streams	Mainstream: 5MP (2592X1944) @15/20FPS/ 2MP 1920(H)×1080(V), 1080@25/30FPS, Sub Stream: D1 (704(H)×576(V))@15/20 FPS/ CIF (352×288/352×240) @25/30FPS
Frame Rate	1 ~ 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Primary 1024-8192Kb/s, Secondary Stream: 341-1706Kb/s
Day/Night	Automatic/Color/Black and white
Exposure Mode	Automatic/Manual-(1/50-1/10000)
BLC Mode	On/Off
Profiles	Auto, Low Light Priority, High Light Priority
White Balance	Indoor/Outdoor/Automatic
Gain Control	Auto/Manual
Noise Reduction	Auto, 2D/3D (1-6 Levels)
Electronic Image	Support
Smart IR	Support

Digital Zoom	16X, Area's selection with Mouse
Anti-Flicker	On/Off
AE reference	1-255 Level
AE Sensitivity	1-10 Level
Flip	Off / On
IR reverse	Support
Mirror	Off / On
Text Overlay	Title, Date & Time, Weekday
Privacy Masking	Yes (4 zones)
Events	
Motion Detection	22X18 Zones
Video Tempering	Support
Event Actions	Record alarm, Linkage alarm output, Sound alarm, Email link, Upload FTP, Snapshot
Event Recording	Pre Record- 5-30 Sec, Post Record 1-120 Minute
PTZ	
Pan/Tilt Range	Pan:0° ~360°; Tilt:0° ~90°; Rotation:0° ~360°
Safety	
ONVIF Authentication	ON, Off
RTSP Authentication	Digest, None
Audio	
Compression	G.711
Talk Back	Support (Optional)
Smart event (Optional)	
IVA	Intrusion Detection/ Region Entrance/Human Detection, Video Tampering, Motion Detection
Motion Detection	Set detection area, can set multi-level sensitivity
Schedule Linkage	Capture, email, Audio Broadcast
Network	
Ethernet	10/100M adaptive Ethernet interface
Protocol	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, SMTP, UPNP, SMTP, Wi-Fi, IPv4
Interoperability	ONVIF Profile S
Max. User Access	20 Users
Edge Storage	Local PC for instant recording, one clicks Snapshot, one clicks triple Snapshot
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Sparsh VMS
Smart Phone	Supports SVMS APP for iPhone, Android
Interface	
Audio	1 IN/1 Out (Optional)
Alarm	1IN/1 Out (Optional)
SD Card	Support up to 256GB (Optional)
General	
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress protection	IP66
Vandalism Protection	IK10
Power Supply	DC 12V ± 10%, Optional: PoE (802.3af, class 3)
Power Consumption	Max 12W
Dimension & Weight	146mm x146mm x139mm, 950 g
Product Certification	Safety: CE, FCC, IS/EN:60950-1, IS:13252 (Part 1): 2010

*Note: Product design specifications and colors are subject to change without notice to improve Reliability, Function or Design or otherwise. Errors and omissions excepted.

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