

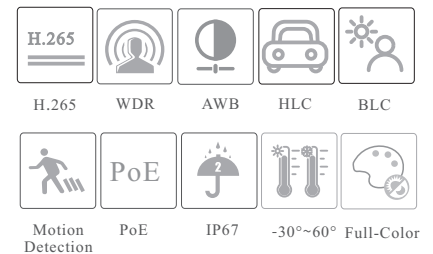
SM-IP4512CV2-W



4MP Full-Color Turret Network Camera



- H.265/H.264/MJPEG coding
- Max. resolution: 2560 × 1440
- 20~ 30m white light view distance
- 24/7 full color imaging
- 3D DNR, HWDR, HLC and BLC
- ROI coding
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP67 ingress protection
- Support three streams
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent Analytics



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4MP Full-Color Turret Network Camera

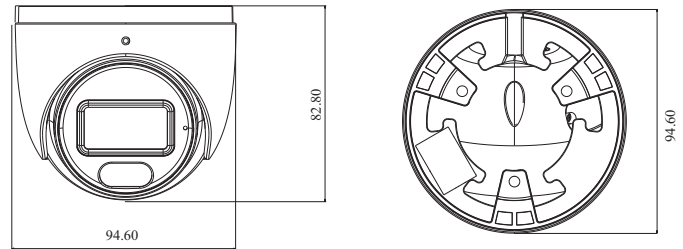
SPECIFICATIONS

Specifications	Model	SM-IP4512CV2-W
Camera		
Image Sensor	1 / 3 "CMOS	
Image Size	2560 × 1440	
Electronic Shutter	1 / 1 s ~ 1 / 100000 s	
Iris Type	Fixed Iris	
Min. Illumination	0.003 lux@ F1.0, AGC ON; 0 lux with LED ON	
S/N Ratio	≥50dB	
Lens	2.8 mm @F1.0, H.FoV: 99°; V.FoV:53°; D.FoV:116° 3.6 mm @F1.0, H.FoV: 79°; V.FoV:44°; D.FoV:93°	
Focus	Fixed	
Lens Mount	M12	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	No	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~75°; Rotation: 0°~360°	
Image		
Video Compression	Main stream: H.265 / H.264 Sub stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264 / MJPEG	
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	4MP (2560×1440), 3MP (2304×1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, VGA(640 × 480), CIF, 480 × 240	
Main Stream	60Hz:4MP/3MP/1080P/720P(1~30fps); 50Hz:4MP/3MP/1080P/720P(1~25fps)	
Sub Stream	60Hz: 720P/D1/VGA/CIF(1~30fps); 50Hz: 720P/D1/VGA/CIF (1~25fps)	
Third Stream	60Hz: D1/CIF/480×240 (1~30fps); 50Hz: D1/CIF/480×240 (1~25fps)	
Bit Rate	128 Kbps ~ 8 Mbps	
Bit Rate Type	VBR / CBR	
Audio Compression	G711A / U	
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser	
ROI	Each ROI to be configured separately	
Interfaces		
Network	RJ 45	
Video Output	NO	
Audio	1CH audio input; 1CH built-in MIC	
Storage	Built-in micro SD card slot, up to 256GB	
Reset	Yes	
Functions		
Remote Monitoring	Web Browser/ NVMS2.0/NVR/mobile APP	
Web Browser	IE11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+	
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission	
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, SNMP, PPPoE, DDNS, 802.1x, SMTP, FTP, UPnP, HTTPs, HTTP, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	
Intelligent Analytics	Video exception detection, intrusion detection, line crossing detection and abandoned / missing object detection	
Smart Alarm	Motion detection, SD card error, SD card full	
General function	Watermark, video mask, heartbeat, corridor pattern	
Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs	
PoE	Yes (IEEE802.3af)	
White Light Range	20 ~ 30 m	
Ingress Protection	IP 67	

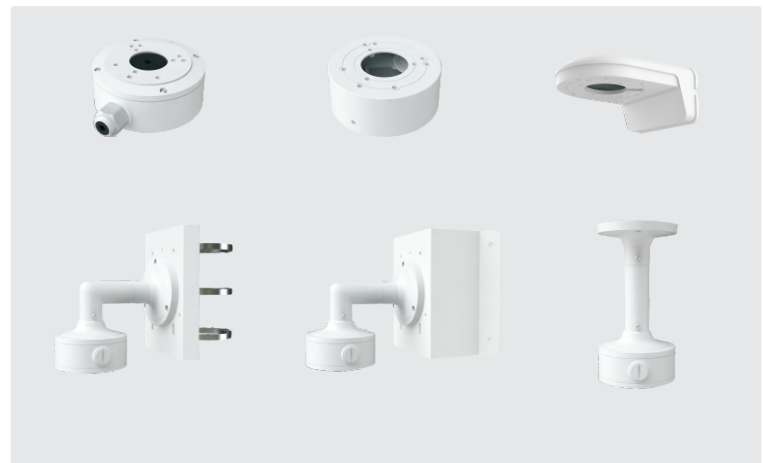
DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8mm	57.76m(189.50ft)	23.11m(75.82ft)	11.55m(37.89ft)	5.78m(18.96ft)
3.6mm	71.28m(233.85ft)	28.51m(93.53ft)	14.26m(46.78ft)	7.13m(23.39ft)
Others				
Power Supply	DC12V/PoE			
Power Consumption	< 5.5W			
Storage Conditions	- 30 °C ~ 65 °C (-22°F~149°F), Humidity: less than 95 % (non-condensing)			
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)			
Dimensions (mm)	Φ 94.6 × 82.8			
Weight (net)	Approx. 0.45KG			
Installation	Ceiling mounting; wall mounting			
Certificate	CE, FCC			
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)			

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	SM-IP4512CV2-W
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