

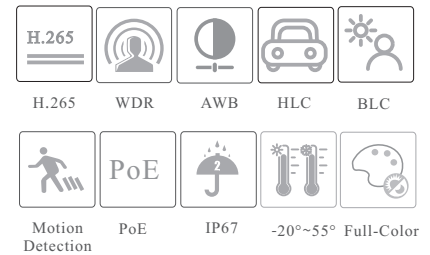
SM-IP4510CVL



4MP Full-Color Turret Network Camera



- Max.resolution: 4MP (2560 × 1440)
- H.265/H.264/MJPEG coding
- 10-20m white light view distance
- 24/7 full color imaging
- 3D DNR, digital WDR, HLC, BLC
- 1CH built-in microphone
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics



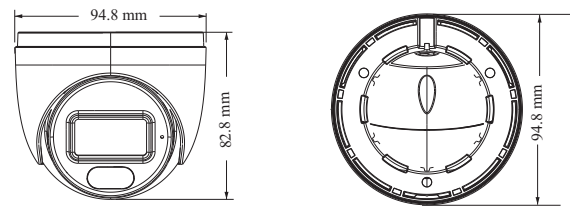
SPECIFICATIONS

Specifications	Model
Camera	
Image Sensor	1/3" CMOS
Image Size	2560 × 1440
Electronic Shutter	1 / 2 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.03 lux @F1.6, AGC ON; 0 lux with illuminator ON
Lens	2.8mm@F1.6, H.FoV: 95.5°; V.FoV: 52°; D.FoV: 112.2° 3.6mm@F1.6, H.FoV: 78.3°; V.FoV: 42.3°; D.FoV: 93.3°
Lens Mount	M12
Wide Dynamic Range	Digital WDR
BLC	Yes
HLC	Yes
Defog	No
S/N Ratio	≥ 50dB
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.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	4MP (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, VGA(640× 480), 480× 240, CIF
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: D1/480× 240/CIF (1~30fps);50Hz: D1/480× 240/CIF(1~25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, hue, Contrast, Wide Dynamic, Image Mirror, NR, Image Flip, Sharpness, etc. adjustable through client software or web browser
Audio Compression	G711A/U
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ45
Video Output	No
Audio	1 CH built-in microphone
Storage	No
Reset	No
Functions	
Remote Monitoring	Web Browser/ NVMS2.0/NVR/mobile APP
Web Browser	IE 11 (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, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTP, HTTPS, QoS
Interface Protocol	ONVIF
Storage	Network remote storage
Smart Alarm	Motion detection
Intelligent Analytics	Region intrusion detection, video blur detection, scene change detection, abnormal color detection, line crossing detection, abandoned/missing object detection
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	10~20m
Ingress Protection	IP67

DORI Distance

Lens	Detect	Observe	Recognize	Identify
2.8mm	59.05m(193.73ft)	23.62m(77.49ft)	11.81m(38.74ft)	5.90m(19.35ft)
3.6mm	74.39m(244.06ft)	29.75m(97.60ft)	14.88m(48.81ft)	7.44m(24.40ft)
Others				
Power Supply	DC12V/PoE power supply			
Power Consumption	< 5.5W			
Operating Environment	- 20 °C ~ 55 °C (-4°F~131°F); Humidity: less than 95 % (non-condensing)			
Storage Environment	- 20 °C ~ 60 °C (-4°F~140°F); Humidity: less than 95 % (non-condensing)			
Dimensions (mm)	Φ 94.8 × 82.8			
Weight (net)	Approx. 0.287KG			
Installation	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-IP4510CVL
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