



SICH-40115PR

Speed Dome camera, 4 MP,
 0.005lux, 100m IV, IP66

1/2.8" progressive scan CMOS
 Up to 2560 × 1440@30fps resolution
 Min. illumination: Color: 0.005 Lux @(F1.6, AGC ON)
 B/W: 0.001 Lux @(F1.6, AGC ON)
 0 Lux with IR

15 × optical zoom, 16 × digital zoom
 WDR, HLC, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus
 Up to 100 m IR distance
 12 VDC & PoE (802.3 at, class4)
 Support H.265+/H.265 video compression
 IP66
 ONVIF, ISAPI, and CGI

Network IR Speed Dome adopts 1/2.8" progressive scan CMOS chip. With the 15 × optical zoom lens, the camera offers more details over expansive areas.

This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, roads, railways, airports, squares, parks, scenic spots, and venues, etc.

Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001Lux @(F1.6, AGC ON) 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Gain	Auto/Manual
Shutter Time	50Hz: 1/1 s to 1/30,000 s 60Hz: 1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16 ×
Privacy Mask	24 programmable privacy masks, mask color configurable
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB (not supported by full frame rate)
Lens	
Focal Length	5 mm to 75 mm, 15× optical zoom
Zoom Speed	Approx. 2.3 s (optical lens, wide-tele)
Field of View	Horizontal field of view: 55°to 4°(wide-tele) Vertical field of view: 33°to 2.2°(wide-tele) Diagonal field of view: 61.5°to 4.6°(wide-tele)
Working Distance	100 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F2.8
IR	
IR Distance	Up to 100 m
Smart IR	Yes

PTZ	
Movement Range (Pan) Pan Speed	360°endless Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s
Movement Range (Tilt) Tilt Speed	From -15°to 90°(auto-flip) Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Proportional Zoom	Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Yes
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
3D Positioning	Yes
PTZ Position Display	Yes
Preset Freezing	Yes
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Compression Standard	
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Yes
H.265 Type	Main Profile
H.265+	Yes
Video Bitrate	256 Kbps to 16384 Kbps
SVC	Yes
Smart Features	
Basic Event Smart Event	Motion Detection, Video Tampering Detection, Exception Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection
Smart Record ROI	ANR (Automatic Network Replenishment), Dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas
Image	
Max. Resolution Main Stream	2560 × 1440 50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus

Network	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, CMS-MAZi
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users
Security Measures	3 levels: Administrator, Operator and User User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Web Browser	IE 8 to 11, Chrome 31.0+, Firefox 30.0+
Interface	
Network Interface	1 RJ45 10 M/100 M Ethernet, PoE (802.3 at, class4)
General	
Language (Web Browser Access)	32 languages. English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power	12 VDC, 2.0 A and PoE (802.3 at), 42.5 to 57 VDC, 0.6 A, class4 Max.: 18 W, including max. 7W for IR
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	≤ 90%
Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	ADC 12, PC, PC+10% GF
Dimensions	Φ 164.5 mm × 290 mm (Φ 6.48" × 11.42")
Weight	Approx. 2 kg (4.41 lb)

DORI

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view.

It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	1500.0 m (4921.3 ft)	595.2 m (1952.8 ft)	300.0 m (984.3 ft)	150.0 m (492.1 ft)

