



SICH-40125PR

4 MP 25 × Network IR Speed Dome adopts 1/2.8" progressive scan CMOS chip. With the 25 × optical zoom lens, the camera offers more details over expansive areas. Can be widely used for wide ranges of high-definition, such as the rivers, roads, railways, airports, squares, parks, scenic spots, and venues, etc.

1/2.8" Progressive Scan CMOS

Up to 2560 × 1440@30fps resolution

Colour: 0.005 Lux@(F1.6, AGC ON), B/W: 0.001 Lux@(F1.6, AGC ON), 0 Lux with IR

25 x optical zoom, 16 x digital zoom

WDR, HLC, BLC, 3D-DNR, Defog, EIS, Regional Exposure, Regional Focus

Up to 100 m IR distance

12 Vdc & PoE, IP66 (802.3 at, class 4)

Support H.265+/H.265 video compression

Camera Module

Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Colour: 0.005 Lux@(F1.6, AGC ON) B/W: 0.001 Lux@(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	50 Hz: 1/1 ÷ 1/30,000 s 60 Hz: 1/1 ÷ 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16 x
Privacy Mask	24 programmable privacy masks, mask colour configurable
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB WDR (not supported by full frame rate)

Lens

Focal Length	4.8 ÷ 120 mm, 25 x optical zoom
Zoom Speed	~ 3.6 s (optical lens, wide-tele)
Field of View (FOV)	Horizontal FOV : 55° ÷ 2.4° (Wide-Tele) Vertical FOV: 33° ÷ 1.4° (Wide-Tele) Diagonal FOV: 61.5° ÷ 2.8° (Wide-Tele)
Working Distance	100 ÷ 1500 mm (wide-tele)
Aperture Range	F1.6 ÷ F3.5

IR

IR Distance	100 m
Smart IR	Yes

PTZ

Movement Range (Pan)	360° endless
Pan Speed	Configurable, 0.1°/s ÷ 80°/s Preset speed: 80°/s
Movement Range (Tilt)	-15° ÷ 90° (auto-flip)
Tilt Speed	Configurable, 0.1°/s ÷ 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

H.264 Type	Main Stream: H.265+/H.265/H.264+/H.264
H.264+	Sub-stream: H.265/H.264/MJPEG
H.265 Type	Third Stream: H.265/H.264/MJPEG
H.265+	Baseline Profile/Main Profile/High Profile
Video Bitrate	Yes
Audio Compression	Baseline Profile/Main Profile/High Profile
Audio Bitrate	Yes
SVC	32 ÷ 16384 Kbps
	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
	G.711alaw/G.711ulaw: 64 Kbps
	G.722.1/G.726: 16 Kbps
	MP212/PCM: 32 Kbps/64 kbps/128 kbps
	Yes

Smart Features

Basic Event	Motion Detection, Video Tampering Detection, Exception
Smart Event	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA
ROI	Main stream, sub-stream, and third stream respectively support four fixed areas.

Image

Max. Resolution	2560 × 1440
Main Stream	50 Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720), 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720), 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50 Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50 Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 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, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
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
Client	CTR-MAZi, CMS-MAZi
Web Browser	IE 8 ÷ 11, Chrome 31.0+, Firefox 30.0+

Interface

Network Interface	1 RJ45 10 M/100 M Ethernet, PoE (802.3 at, class4)
Audio Interface	1-ch audio input and 1-ch audio output

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 ÷ 57 Vdc, 0.6 A, class4 Max.: 18 W, including max. 7W for IR
Working Temperature	-30 °C ÷ +65 °C (-22 °F ÷ 149 °F)
Working Humidity	≤ 90%
Protection Level	IP66 Standard, 4000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	ADC 12, PC, PC+10% GF
Dimensions	Φ 164.5 × 290 mm (Φ 6.48" × 11.42")
Weight	~ 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)	2400.0 m (7874.0 ft)	952.4 m (3124.7 ft)	480.0 m (1574.8 ft)	240.0 m (787.4 ft)

