



SICH-50130PR

5 MP 30X IR Network Speed Dome, 1/1.9" progressive scan CMOS. Can be widely used for wide ranges of high-definition (e.g. rivers, forests, roads, railways, airports, ports, squares, parks, stations, etc.)

1/1.9" Progressive Scan CMOS

Up to 2592 × 1944 resolution

Colour: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.002 Lux @ (F1.5, AGC ON), 0 Lux with IR

30X optical zoom, 16X digital zoom

Defog, EIS, 3D-DNR, BLC, HLC, Digital WDR

Up to 150 m IR distance

24 Vac & Hi-PoE

Support H.265+/H.265 video compression

Camera Module

Image Sensor	1/1.9" Progressive Scan CMOS
Min. Illumination	Colour: 0.005 Lux @ (F1.5, AGC ON) B/W: 0.001 Lux @ (F1.5, 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	16X
Privacy Mask	24 programmable privacy masks, mask colour configurable
Focus Mode	Auto/Semi-automatic/Manual
3D-DNR	Yes
BLC	Yes
HLC	Yes
Digital WDR	Yes
Defog	Yes
EIS	Yes
Regional Exposure	Yes
Regional Focus	Yes

Lens

Focal Length	5.9 ÷ 177 mm, 30X optical zoom
Zoom Speed	~ 4.8 s (optical lens, wide-tele)
Field of View (FOV)	Horizontal FOV: 51.6° ÷ 1.8° (Wide-Tele) Vertical FOV: 39.2° ÷ 1.3° (Wide-Tele) Diagonal FOV: 62.6° ÷ 2.2° (Wide-Tele)
Working Distance	10 ÷ 1500 mm (wide-tele)
Aperture Range	F1.5 ÷ F3.4

Infrared

IR Distance	150 m
Smart IR	Yes
IR Control	IR brightness and angle are intelligently adjustable according to the scenes

PTZ

Movement Range (Pan)	360° endless
Pan Speed	Configurable, 0.1°/s ÷ 160°/s, Preset Speed: 240°/s
Movement Range (Tilt)	From -15° ÷ 90° (Auto Flip)
Tilt Speed	Configurable, 0.1°/s ÷ 120°/s, Preset Speed: 200°/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

3D Positioning	Scan/Panorama Scan
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
	360° endless

Compression Standard

Video Compression	<i>Main Stream:</i> H.265+/H.265/H.264+/H.264 <i>Sub-Stream:</i> H.265/H.264/MJPEG <i>Third Stream:</i> H.265/H.264/MJPEG H.264 with Baseline/Main/High Profile
Audio Compression	G.711 alaw/G.711 ulaw/G.722.1/G.726/MP2L2/PCM

Smart Features

Basic Event Detection	Motion Detection, Video Tampering, Alarm Input, Alarm Output, Exception
Smart Event Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection
Auto-tracking	Yes
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA

Image

Max. Resolution	2592 × 1944
Main Stream	50 Hz: 25fps (2592 × 1944, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720), 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30fps (2592 × 1944, 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)
SVC	Yes
ROI	Main stream, sub-stream and third stream respectively support four fixed areas.

Network

Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users, 3 levels: <i>Administrator</i> , <i>Operator</i> and <i>User</i>
Security Measures	User Authentication (User ID and Password), Host Authentication (MAC address), HTTPS Encryption, IEEE 802.1x Port-Based Network Access control, IP address Filtering

System Integration

Alarm Input	2-ch alarm input
Alarm Output	1-ch alarm output
Alarm Linkage	Preset, Patrol Scan, Pattern Scan, Memory Card Video Recording, Trigger Recording, E-Map, VCA Capture, Upload to FTP, Send Email, etc.
Audio Input	1-ch audio input
Audio Output	1-ch audio output
Network Interface	1 RJ45 10 M/100 M Ethernet Interface, Hi-PoE
Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB, NAS (NFS, SMB/ CIFS), ANR
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Client	CTR-MAZi, CMS-MAZi
Web Browser	IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+

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	24 Vac, 2.2 A, 50/60 Hz and Hi-PoE, 42.5 ÷ 57 Vdc, 1.41 A Max.: 40 W, including max. 19 W for IR and max. 10 W for heater
Working Temperature	Outdoor: -30 °C ÷ +65 °C (-22 °F ÷ 149 °F)

Working Humidity
Protection Level

≤ 90%

Dimensions
Weight

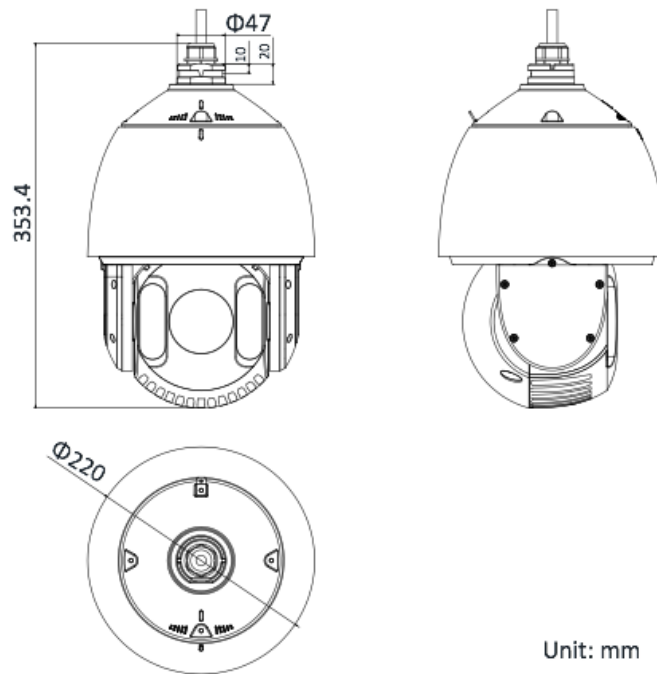
IP66 Standard, IK10 (excluding glass window), 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Φ 220 × 354 mm (Φ 8.66" × 13.91")
~ 4.5 kg (9.92 lb)

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)	2241.7 m (7354.5 ft)	889.6 m (2918.5 ft)	448.3 m (1470.9 ft)	224.2 m (735.5 ft)



Unit: mm