HC-IPC-SD0440T-AL

Product Features

≥ Progressive scan BSI+NIR image sensor

≥ Up to 2560x1440 resolution

≥ 4x optical zoom, fast and accurate

≥ Smart 4 IR LEDs up to 50m, 2 White LED 30m

≥ Bi-directional audio, built-in Mics &Speaker

≥ 30m for audible warnings, 7m for voice recording

≥ AI-based human vehicle detection & classification and tracking, perimeter precaution, crossing line, etc

≥ SD/TF card chamber, Reset button, Alarm in/out

≥ PoE+ or DC12V power supply, easy installation

≥ IP66 Water-proof, IK10, -40°C~70°C

≥ ONVIF, API, IE/NVR/VMS/free mobile Apps

≥ White LED turn on at Motion based

An ISO 9001:2008 Certified Company

Specifications:

CAMERA

Image Sensor	1/2.7", progressive scan CMOS with BSI and NIR+ technology
Lens	2.8~12mm lens, 4x optical
Angle of view(H)	97° to 31° ±5%
Shutter speed	1/25s ~ 1/25,000s
Minimum illumination	Color 0.01 Lux @ (F1.6 AGC ON)
	B/W 0.002 Lux @(F1.6 AGC ON); 0 Lux with IR
Iris	Auto/Manual; F1.6 ~ F4.4
Day/Night	Auto/Manual, Electrical switchable ICR
WDR	120dB
Digital noise reduction	3D DNR
S/N	≥52dB
IR Range	Up to 50 m (164ft)
Defog	Digital Defog
White Balance	Auto/Manual/Indoor/Outdoor
Picture overlay	Logo picture could be overlaid on video with 128x128pixels, 24bits BMP format
Font overlay	Max 15characters per line, 8lines max, white color or red color

VIDEO

Video Compression	Smart H.265+/H.265/H.264+/H.264/MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Main Stream	25fps (2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720);
	30fps (2560×1440, 2048×1536, 1920× 1080, 1280× 960, 1280× 720)
Sub Stream	25fps (704 × 576, 640 × 480, 352 × 288)
	30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	25fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288)
	30fps (1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Bit Rate	64Kbps ~ 16Mbps
Audio Compression	G.711 A/U
HLC	Supported
BLC	Supported
Privacy Mask	Up to 4 areas

PAN&TILT

Pan Range	360° (endless)
Pan Speed	0.1°/s ~80°/s Preset speed: 80°/s
Tilt Range	-5° ~ +90°
Tilt Speed	0.1° ~ 60°/s Preset speed: 60°/s
Number of Presets	300
Patrol	Up to 8 patrols, up to 16 presets per patrol
	Note: The total number of patrols and patterns is 16.
Pattern	Up to 4 record patterns,
	Record time over 3 minutes for each patterns
Scheduled Task	Preset/Patrol/Track/Random Scan/Boundary Scanning /Dome Reboot

SUPPLEMENT LIGHT

IR Distance	Up to 50m, 4pcs of IR Array into 2 Groups, auto switch with zoom ratio
Smart IR	Yes
White light Distance	Up to 30m, 2pcs of White LED Array
White light Mode	Flush mode, torque mode , time interval adjustable

SMART FEATURES

Image Settings:	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error)
Face recognize	Support human face detection and capture, max 7 human faces per scene
Road traffic	Vehicle detecting and tracking, etc
Smart Detection	Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, etc.
Smart Tracking	Smart tracking of human or vehicle, auto/manual.
Active Deterrence	Flush strong white light and predefined voice upon invaders detected. Support 10+ different predefined voice clips
Dual way talk	Support dual-way talk

STORAGE

Edge Storage	Micro SD card, Up to 256 GB
Reset button	Yes

NETWORK

Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
User/Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Compatible integration	ONVIF (Profile S, G, T), API

INTERFACE

Ext. Audio I/O	1-ch audio input (mic in), 2.0-2.4Vp-p, 1kΩ±10%; 1-ch audio Output (line out), line level, impendance: 600 Ω;
Built-in speaker	4Ω, 2.5Watt. Rotation with camera lens direction, up to 30m distance audible
Built-in MIC	1channel, rotation with camera lens direction, up to 8m distance voice recordable
Alarm I/O	1CH alarm input(Dry contact); 1CH alarm output
Network	1RJ45 10M/100M Base-TX Ethernet

GENERAL

Power	DC12V±20%,2000mA,or PoE+ (802.3.at), avg 3.3Watt, max 14.9Watt at day; 18.9Watt at night(LED + Speaker on + PT Rotation)
Working Environment	–40°C ~ 65°C (-40°F ~ 149°F), Humidity: ≤ 95% RH(non-condensing)
Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Dimensions(ØxH)	Ø130mm x 162mmH (Ø5.1" x 6.4")
Weight	Approx. 1.2Kg (2.645lb.)
Ingress Protection	IP66
Vandal Resistance	IK10