

HNP5C14A-IR42X



FEATURES

4MP 42X IR PTZ Network Camera

- 1/1.8" progressive scan CMOS
- 4MP Full HD resolution
- 42X optical zoom
- 400m IR distance
- True Day/Night, 3D DNR, TRUE WDR
- 3D intelligent positioning
- 24VAC / High-PoE power supply
- Rain Wipers

Specifications	
Camera	
Image Sensor	1/1.8" progressive scan CMOS
Min. Illumination	Color: 0.001 Lux @(F1.2, AGC ON), B/W: 0.0005 Lux @(F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1/1s to 1/30,000s
Day & Night	IR cut filter
Zoom	42x Optical, 16x Digital
Max. Resolution	2560 x 1440
Lens	
Focus	Auto, semi-auto, manual, rapid focus
Focal Length	6.0 mm to 252 mm
Zoom Speed	Approx. 4.5 s
FOV	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)
Aperture	Max. F1.2
Illuminator	
Supplement Light Type	IR

Specifications	
Supplement Light Range	Up to 400 m
Smart Supplement Light	Yes
PTZ	
Movement Range (Pan)	360°
Movement Range (Tilt)	-20° to 90° (auto flip)
Pan Speed	Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s
Proportional Pan	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 Status 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
Main Stream	24 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	24 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	24 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
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
Video Bit Rate	32 Kbps to 16384 Kbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	8 fixed regions for each stream
Audio	
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)
Network	
Network Storage	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	ISUP, ISAPI, Hikvision SDK, Open Network Video Interface (Profile S, Profile G, Profile T)
Simultaneous Live View	Up to 20 channels

Specifications	
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.3, host authentication (MAC address)
Image	
Day/Night Switch	Day, night, auto, scheduled-switch
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	140 dB
Defog	Optical defog
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Image Parameters Switch	Yes
Privacy Mask	Up to 24 masks, mosaic mask, mask color configurable, rectangle region
SNR	≥ 52 dB
Interface	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB
Alarm	7 inputs, 2 outputs
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω
Video Output	1.0 V[p-p]/75 Ω, PAL, NTSC, BNC connector
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
Event	
Basic Event	Audio exception, motion detection, video tampering alarm, alarm input, alarm output, exception
Smart Event	Line crossing detection, region entrance detection, unattended baggage detection, object removal detection, intrusion detection, region exiting detection, vandal-proof alarm, audio exception detection
Smart Tracking	Manual tracking, auto-tracking
Alarm Linkage	Preset, patrol scan, pattern scan, memory card video recording, alarm output, sending email, notify surveillance center, upload to FTP, NAS video recording
Deep Learning Function	
Face Capture	Support detecting up to 30 faces at the same time. Support detecting, tracking, capturing, grading, selecting of face in motion, and output the best face picture of the face
Face Comparison	Yes
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)

Specifications	
Road Traffic and Vehicle Detection	
Road Traffic	Support vehicle detection (license plate number, vehicle model, and vehicle color recognition)
General	
Operating Condition	Temperature: -40°C to 70°C (-40°F to 158°F), Humidity: ≤ 95%
Power Consumption and Current	24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater), PoE 802.3 bt (Max. 50 W, including max. 18 W for IR and max. 6 W for heater)
Dimension	Ø 267 mm × 430 mm (Ø 10.51" × 16.93")
Weight	Approx. 9.6 kg (21.16 lb.)
Approval	
EMC	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 7); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 62368-1) CB (IEC 62368-1:2014+A11); CE-LVD (EN 62368-1:2014+A11:2017), BIS (IS 13252(Part 1):2010/ IEC 60950-1: 2005); LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Wall Mount	HTH-602ZJ
Pendant Mount	HTH-661ZJ
Pole Mount	HTH-602ZJ-pole