



HNC6924F-A



FEATURES

EXIR Flexible PanoVu Network Camera

- 30fps @ 3840 x 2160
- H.265, H.265+, H.264, H.264+
- 60ft IR Range
- IP67, IK10
- 4 Flexible Lens
- Smart human density counting and public behavior analysis to increase public area safety

Specifications	
Model Number	HNC6924F-A
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON); B/W: 0.0018 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/25s - 1/100,000s
Day & Night	IR cut filter. Blue glass module to reduce ghost phenomenon.
Digital Noise Reduction	3D DNR
WDR	DWDR
2-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 90°
Lens	4 x 2.8mm
Aperture	F1.4
Focus	Manual, Semi-auto
FOV	Horizontal field of view: 180°, Vertical field of view: 90°
IR Range	4 x IR LEDs, up to 60ft.
Wave Length	850nm

Specifications	
Max. Resolution	2.8 mm Panorama+ePTZ mode: panorama channel: 1920 × 1080; ePTZ channel: 1920 × 1080 Panorama mode: 3840 × 2160 Original mode: 1920 × 1080
Main Stream	2.8 mm Panorama+ePTZ mode: panorama channel: 60Hz: 30fps (1920 × 1080, 1280 × 720); ePTZ channel: 30fps (1920 × 1080, 1280 × 720) Panorama mode: 30fps(3840 × 2160, 2560 × 1440, 1920× 1080) Original mode: 30fps (1920× 1080)
Sub Stream	2.8 mm Panorama mode: 30fps (1280 × 720, 640 × 360)
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/ Main Profile/ High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 65 Mbps
SVC	H.264 and H.265 encoding
H.264+	Main Stream Support
H.265+	Main Stream Support
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Basic Event	Motion detection (only panorama and original modes support), exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
People Density	Yes (only panorama mode supports)
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS (only the original mode supports)
Image Setting	Rotate mode (only the original mode supports), saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Target Cropping	Yes (only panorama mode supports)
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format
Network Storage	microSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS)
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK
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, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout settings, TLS 1.2, TLS1.0, TLS1.1
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Client	Guarding Vision
Web Browser	IE8+
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port; 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)

Specifications	
Audio	1 input (line in), 3.5 mm 3-section connector, max. input amplitude: 1 vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium; 1 output (line out), 3.5 mm 3-section connector, max. output amplitude: 1 vpp, output impedance: 100 Ω , interface type: non-equilibrium
Alarm	2 inputs, 2 outputs (max. 24 VDC, 1 A)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 256GB
General Function	Anti-flicker, heartbeat, mirror (only original mode supports), privacy masks (only original mode supports), password protection, watermark, IP address filter, pixel counte
Reset	Reset via reset button on camera body, web browser and client software
Startup and Operating Conditions	-40 °C to +60 °C (-40 °F to +140 °F), humidity 95% or less (non-condensing)
Storage Conditions	-40 °C to +60 °C (-40 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC, three-core terminal block, PoE (802.3at)
Power Consumption and Current	12 VDC, 1.6 A, max. 24 W, PoE (802.3at, 42.5 V to 57 V), 0.5 to 0.4 A
Material	Aluminum alloy
Dimensions	Camera: 189.5 × 207.63 × 206.62 mm (7.46" × 8.17" × 8.13") With Package: 340 × 261 × 293 mm (13.4" × 10.3" × 11.5")
Weight	Camera: approx. 3 kg (6.6 lb.) With package: approx. 5 kg (11 lb.)
Heater	Yes
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4); RCM (AS/NZS CISPR 32:2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252 (Part 1): 2010+A1:2013+A2:2015); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013)
Chemistry	CE-ROHS (2011/65/EU); REACH (Regulation (EC) No 1907/2006); WEEE (2012/19/EU);
Protection	Ingress protection: IK10 (IEC 62262:2002), IP67 (IEC 60529-2013)
Wall Mount	HTH-602ZJ
Pendant Mount	HTH-661ZJ
Corner and Pole	C: HTH-602ZJ-CORNER, P: HTH-602ZJ-POLE