

8MP 31x IR PTZ Camera

DC-S6881HRX



- Easy installation with DirectIP NVR
- 4K UHD (3840 x 2160) resolution
- AF optical zoom lens (f=6.5 - 202mm), 31x zoom
- micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
- Two-way audio
- Alarm in / out
- IK10 / IP66 supports
- Built-in heater
- PoE (High-PoE)
- Day and night (ICR)
- True wide dynamic range (WDR)
- Electronic image stabilization (EIS)
- 300 m/984.3ft (2ea)
- Supports ONVIF



SPECIFICATIONS

VIDEO		
Image Sensor	1/1.8" CMOS	
Max. Resolution	3840 x 2160	
Scanning Mode	Progressive Scan	
Lens Type	AF Zoom Lens	
Focal Length	f=6.5 - 202mm	
Aperture	F1.55 - 4.8	
Iris Control	DC Auto Iris (HALL SENSOR)	
Angular Field of View	Wide : 63°(H), 37.6°(V), 70.3°(D) Tele : 2.37°(H), 1.33°(V), 2.7°(D)	
Min. Illumination	Color : 0.1 lux @ F1.55 B/W : 0 lux (IR LED ON)	
Dynamic Range	120dB (True WDR)	
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)	
Day and Night	IR Cut Filter with Auto Switch	
IR Distance (LEDs)	300 m/984.3ft (2ea)	
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)	
Backlight Compensation	-	
Mirroring / Pivot	Horizontal / Vertical	
Image Stabilizer	Yes (EIS)	
Privacy Masking	8 Zones	
Intelligent Video	Video Motion Detection, Active Tampering Alarm	
Auto Tracking	No	
Video Out	1 Terminal Block	
PAN / TILT / ROTATE		
Pan Range	360° (Endless)	
Pan Speed	Pan: 0.02~240°/sec (preset 240°/sec)	
Tilt Range	200° (-10~190°)	
Tilt Speed	Tilt: 0.02~240°/sec (preset 240°/sec)	
Preset	256ea	
NETWORK		
Video Compression	H.265, H.264 (MP), M-JPEG	
Intelligent Codec	Supported	
Bitrate Control	H.264 - CBR / VBR, H.265 - CBR / VBR	
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	
Two-way Audio	Yes	
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S	
Max. Frame Rate	30ips : 3840 x 2160(WDR)	
Supported Resolution	3840 x 2160 (8MP), 1920x1080, 1280x720, 640x360	
Multi-video Streaming	Quadruple Streaming	
Network Protocols	DirectIP 2.0 Protocol, IPv4, IPv6, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNT, SMTP, FEN, mDNS, uPNP, SNMPv2	
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS	
Remote Access Client	DirectIP NVR Connection, IDIS Web, IDIS Mobile, IDIS Solution Suite	
Ethernet	RJ45 (10/100BASE-T)	
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)	
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)	
ALARM AND EVENT		
Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone	
Event Notification	Remote S/W, Email (with Image)	
Audio In / Out	1/1	
Alarm In / Out	8/2	
ENVIRONMENTAL		
Vandal Proof Casing	IK10	
Outdoor Ready	IP66, Heater	
Operating Temperature	-40°C ~ +55°C (+284°F ~ +131°F) *Starting up at above -20°C (-4°F)	
Operating Humidity	0% ~ 90%	
ELECTRICAL		
Power Source	24VAC, High-PoE (75W)	
Power Consumption	HEATER, IR LED OFF 24V~, 1.2A, 21.1W, 50/60Hz High-PoE, 50-57V, 20.3W	HEATER, IR LED ON 24V~, 3.4A, 65.8W, 50/60Hz High-PoE, 50-57V, 60.0W
Approvals	FCC, CE, KC	
MECHANICAL		
Dimensions	Ø242mm x 401.8mm (Ø9.52" x 15.82")	
Weight	7.4kg (16.31 lbs)	

DIMENSIONS

(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE

