

8ch 4k Storm Clearview Series NVR Camera Bundle 8 Channel 2 TB NVR bundled with 1 x 8MP (4K) Dome Camera + 1 x 8MP (4K) Bullet Camera



NVR Features

- Smart H.265+/ H.265/ Smart H.264+/ H.264/ MJPEG
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- HDMI/ VGA simultaneous video output
- 3D intelligent positioning with Storm PTZ camera

Dome Camera Features

- 1/3" 4 megapixels progressive CMOS
- H.265 & H.264 dual-stream encoding
- 20fps at 4MP (2688x1520) & 25/30fps at 3MP (2304x1296)
- Day/Night (ICR), 3DNR, AWB, AGC, BLC, WDR(120dB)
- 2.8 mm fixed lens
- Multiple networks monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Maximum length of IR LEDs: 30m
- Max IR LEDs Length 30m
- IP67, IK10, PoE

Bullet Camera Features

- 1/3" 4 Megapixel Progressive Scan CMOS
- H.265+ & H.264+ Dual-Stream Encoding
- 20FPS at 4MP (2688 × 1520) & 25/30FPS at 3MP (2304 × 1296)
- WDR (120dB), Day/Night (ICR), 3DNR, AWB, AGC, BLC
- Multiple Network Monitoring: Web Viewer, STORM VMS
- 2.8mm Fixed Lens
- Maximum Length of IR LEDs: 30m
- IP67, PoE

Technical Specifications

INSK8824KN



System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
IP Camera Inputs	8 Channels
Two-way Audio	1 channel input, 1 channel output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Multi-screen display	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG
Resolution	12MP/ 8MP/ 6MP/ 5MP/ 4MP/ 3MP/ 1080P/ 720P/ D1 & etc.
Recording Rate	320Mbps
Bit Rate	16Kbps - 20Mbps per channel
Recording Mode	Manual, Schedule (Regular, MD, Alarm, IVS), Stop
Recording Interval	1 - 120 min (60 min by default), Pre-record: 1 - 30 sec, Post-record: 10 - 300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm Inputs	4 channels
Relay Outputs	2 channels
Playback & Backup	
Sync Playback	1/4/9
Search Mode	Time / Date, Alarm, MD and Exact Search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/ Network

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Technical Specifications

INSK8824KN



Network	
Interface	1 RJ-45 Port (10/100/1000Mbps)
Ethernet port	1 Independent 1000Mbps Ethernet Port
PoE	8 ports (IEEE802.3at/af); Max 25.5W for single port, 130W in total
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search (Support STORM IP camera, DVR, NVS and etc.)
Maximum user access	128 users
Smart Phone	iPhone, iPad, Android
Storage	
Internal HDD	2 SATA III Ports, Up to 8 TB capacity for each HDD
Auxiliary Interface	
USB	2 USB Ports (1 USB 2.0 (front), 1 USB 3.0 (rear))
RS232	1 Port, for PC Communication and Keyboard
General	
Power Supply	Single, AC 100 - 240V, 50/60 Hz
Power Consumption	More than 14.5W (without HDD)
Working Environment	-10°C to 55°C (14°F to 131°F), 86 - 106kpa
Dimension (WxDxH)	1U, 375mm x 327.5mm x 53mm ; (14.8" x 12.9" x 2.1")
Weight	2.6kg (5.7 lb) (without HDD)

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Technical Specifications

INSD04KIRF



Camera					
Image Sensor	1/3" 4 Megapixel progressive CMOS				
Effective Pixels	2688(H) x 1520(V)				
RAM/ROM	512MB / 32MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s				
Minimum Illumination	0.08 Lux / F2.0 (Color, 1/3s, 30IRE); 0.3 Lux / F2.0 (Color, 1/30s, 30IRE); 0 Lux / F2.0 (IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 30m (98ft)				
IR LEDs	24				
Camera Features					
Day/Night	Auto(ICR) / Color / B/W				
Backlight Compensation	BLC / HLC / WDR (120dB)				
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual				
Gain Control	Auto / Manual				
Noise Reduction	3D DNR				
Digital Zoom	16x				
Privacy Masking	4 Areas				
Lens					
Lens Type	Fixed				
Mount Type	Board-in				
Focal Length	2.8 mm				
Max. Aperture	F2.0				
Viewing Angle	H: 104°, V: 57°				
Optical Zoom	N/A				
Focus Control	Fixed				
Pan/Tilt/Rotation	Pan: 0°~355°; Tilt: 0°~65°; Rotation: 0°~355°				
DORI	Lens	Detect	Observe	Recognize	Identify
Distance	2.8 mm	63m (207ft)	25m (82ft)	13m (43ft)	6m (20ft)
Video					
Compression	H.265 / H.264 / MJPEG (Sub Stream)				
Resolution	4MP (2688x1520) / 3MP (2304x1296) / 1080P (1920x1080) / 720P (1280x720) / VGA (640x480) / D1(704x576/704x480) / CIF (352x288 / 352x240)				
Frame Rate	4MP (1 ~ 20fps) / 3MP (1 ~ 25/30fps) Sub Stream: D1(1 ~ 25/30fps)				
Bit Rate	H.265: 12K ~ 8448Kbps; H.264: 32K ~ 10240Kbps				

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Technical Specifications

INSDO4KIRF



Audio	
Compression	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; RTCP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPV4/V6; QoS; UPnP; NTP; Bonjour; IEEE 802.1X; Multicast; ICMP; IGMP; TLS
Compatibility	API
Maximum User Access	10 Users / 20 Users
Smart Phone	iOS, Android
Interface	
Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A
General	
Power Supply	DC12V, PoE(802.3af)(Class 0)
Power Consumption	Less than 5.5W
Working Environment	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Protection	IK10
Dimensions	Φ 109.9mm × 81mm (4.33" x 3.19")

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Technical Specifications



INSBO4KIRF

Camera					
Image Sensor	1/3" 4 Megapixel progressive CMOS				
Effective Pixels	2688(H) x 1520(V)				
RAM/ROM	512MB/32MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s				
Minimum Illumination	0.08 Lux / F2.0 (Color, 1/3s, 30IRE); 0.3 Lux / F2.0 (Color, 1/30s, 30IRE) 0 Lux / F2.0 (IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 30m (98ft)				
IR LEDs	18				
Camera Features					
Day/Night	Auto(ICR) / Color / B/W				
Backlight Compensation	BLC / HLC / WDR (120dB)				
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual				
Gain Control	Auto / Manual				
Noise Reduction	3D DNR				
Digital Zoom	16x				
Privacy Masking	4 Areas				
Lens					
Lens Type	Fixed				
Mount Type	Board-in				
Focal Length	2.8 mm				
Max. Aperture	F2.0				
Viewing Angle	H:104°, V:57°				
Optical Zoom	N/A				
Focus Control	Fixed				
Pan/Tilt/Rotation	Pan: 0° ~ 360° ; Tilt: 0° ~ 90° ; Rotation: 0° ~ 360°				
DORI	Lens	Detect	Observe	Recognize	Identify
Distance	2.8 mm	63m (207ft)	25m (82ft)	13m (43ft)	6m (20ft)
Video					
Compression	H.265+ / H.264+				
Resolution	4MP (2688 x 1520/2560 x 1440) / 3MP(2304 x 1296) / 1080P (1920 x 1080)/ 720P (1280 x 720) / D1(704 x 576/704 x 480) / CIF (352 x 288/352 x 240)				
Frame Rate	Main Stream: 4MP (1 ~ 20fps) / 3MP (1 ~ 25/30fps) Sub Stream: D1/CIF (1 ~ 25/30fps)				
Bit Rate	H.265: 12K ~ 8448Kbps; H.264: 32K ~ 10240Kbps				

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Technical Specifications



INSBO4KIRF

Audio	
Compression	N/A
Intelligent Functions	
IVS	Tripwire, Intrusion
Adv. Intelligent Functions	Motion detection, Video tampering, Scene changing, Storage anomaly
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;TCP;ARP;RTSP;RTP;UDP;RTCP;SMTP;FTP;DHCP;DNS;DDNS;PP-POE;IPv4/v6;SNMP;QoS;UPnP;NTP
Compatibility	PSIA, CGI
Maximum User Access	10 Users/20 Users
Smart Phone	iOS, Android
Interface	
Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A
General	
Power Supply	DC12V PoE(802.3af)(Class 0)
Power Consumption	Less than 5.5W
Working Environment	-30°C ~ +50°C / Less than 95% RH
Ingress Protection	IP67
Vandal Protection	N/A
Dimensions	Φ70mm × 164.7mm(2.76" x 6.49")

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