

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



NVR Features

- H.265+ / H.265 / H.264 / MJPEG Codec Decoding
- Maximum 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- HDMI and VGA Simultaneous Video Outputs
- Supports UPnP IP Cameras
- 8 PoE Ports Available
- Supports HDMI and VGA Outputs
- 3D Intelligent Positioning

Bullet Camera Features

- 1/1.8" 8 Megapixel Progressive Scan STARVIS CMOS
- H.265 & H.264 Dual-Stream Encoding
- 25/30FPS at 8MP (3840 × 2160)
- WDR (120dB), Day/Night (ICR), 3DNR, AWB, AGC, BLC
- Multiple Network Monitoring: Web Viewer, Storm VMS
- 2.8mm Fixed Lens
- Max. IR LEDs Length 50m
- Micro SD Memory Card, IP67, PoE

Technical Specifications

INSK8824KN

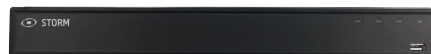


System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
IP Camera Inputs	8 channels
Two-way Audio	1 channel input, 1 channel output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen display	1 / 4 / 8 / 9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.265+ / H.265 / 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 (continuous), MD, Alarm), 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, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank
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, HTTPs, 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, 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 Rear USB 3.0 - 1 Front USB 2.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
General	
Power Supply	Single, AC 100 - 240V, 50/60 Hz
Power Consumption	Less than 14.5W (without HDD)
Working Environment	-10°C to 55°C (14°F to 131°F), 86 - 106kpa
Dimension (WxDxH)	1U, 375mm × 327mm × 53mm
Weight	2.6kg (5.7 lb) (without HDD)

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Technical Specifications



INSBO4KIRF

Camera					
Image Sensor		1/1.8" 8 Megapixel progressive scan CMOS			
Effective Pixels		3840(H) x 2160(V)			
RAM/ROM		512MB/ 32MB			
Scanning System		Progressive			
Electronic Shutter Speed		Auto/Manual, 1/3(4)~1/100000s			
Minimum Illumination		0.05Lux/F1.6 (Color, 1/3s, 30IRE); 0.2Lux/F1.6 (Color, 1/30s, 30IRE); 0Lux/F1.6 (IR on)			
S/N Ratio		More than 50dB			
IR Distance		Distance up to 50m (164 ft)			
IR LEDs		2			
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		F1.6			
Viewing Angle		H: 111° , V: 59°			
Optical Zoom		N/A			
Focus Control		Fixed			
Pan/Tilt/Rotation		Pan: 0°~355° ; Tilt: 0°~90°; Rotation: 0°~355°			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	84m (276 ft)	34m (112 ft)	17m (56 ft)	8m (26 ft)

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Technical Specifications



INSBO4KIRF

Video	
Compression	H.265/ H.264H/ MJPEG (Sub Stream)
Resolution	4K (3840 × 2160) / 6MP (3072 × 2048) / 5MP (2560 × 1920) / 3MP (2048 × 1536) / 3MP (2304 × 1296) / 1080P(1920 × 1080) / 1.3MP (1280 × 960)/ 720P (1280 × 720) / D1 (704 × 576 / 704 × 480) / VGA (640 × 480) / CIF (352 × 288 / 352 × 240)
Frame Rate	Main Stream: 4K (1~25/30fps)
	Sub Stream: D1 (1~25/30fps)
Bit Rate	H.264: 24K ~ 8192Kbp / H.265: 32K~ 8192Kbps
Audio	
Compression	N/A
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; SNMP; QoS; UPnP; NTP
Compatibility	ONVIF, 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 7.8W
Working Environment	-30° C ~ +50° C / Less than 95% RH
Ingress Protection	IP67
Vandal Protection	N/A
Dimensions	179.9mm × 69.3mm × 62mm (7.08" × 2.73" × 2.44")

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