

STORM

UNCOMPROMISING

STORM-3s-864-R

The STORM-3s-864-R is a H.265 64 Channel Enterprise Hot Swap RAID Network Video Recorder (NVR). It incorporates Intel Embedded Quad Core Processors providing 12 MegaPixel (Including 4K) resolution support, global recording capacity of 384Mbps, Smart Features and Fisheye Dewarp Support.

The STORM-3s-864-R is housed in a 2U rack mount case with 8 Hot Swap SATA III Ports and 2 x 1GB Network Ports. It can facilitate 16 Alarm Inputs, 8 Alarm (Relay) Outputs, 2 x HDMI and 1x VGA Video Outputs. It supports backup methods via USB 3.0, eSATA, & Network.

The STORM-3s-864-R also supports Hot Swap HDD's, RAID 0/1/5/6/10/50/60, N+M Hot Standby Support and incorporates 2 Internal Power Supplies which are also Hot Swappable making it ideal for mission critical installations of up to 64 IP Cameras.

The STORM-3s-864-R has H.265 Compression (High Efficiency Video Coding) as standard, H.265 was developed to improve HDD storage requirements and reduce bandwidth consumption for new higher resolutions such as 4K and 12MP. For example, at an identical level of visual quality the H.265 codec enables video to be compressed to a file about half the size (or half the bit rate) of H.264.

The STORM-3s-864-R is provided license free, ONVIF Compatible and supports various 3rd party IP Camera Vendors.



64IP
Channels



Intel Quad
Core



H.265
Compression



12MP / 4K
Recording



384Mbps
Recording
Bandwidth



Fisheye
Support



ANPR



POS



Intelligent
Features



2 x 1GB
Network Ports



8 Internal
Hard Drives



HOT Swap
HDD



RAID HDD
Management



Dual Power
Supply



HOT Swap
PSU's



N+M Failover

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PERFORMANCE

IPC Resolution (Max)	12MP
IPC Recording Bandwidth	384Mbps
Bit Rate Support	16Kbps-20Mbps Per Channel
Processor	Intel Quad Core Embedded
Video Compression	H.265, H.264, MJPEG

CONNECTIVITY

Total Video Channels	64
IP Channels	64
BNC Channels (HDCVI)	-
Audio (IP)	Yes
Audio Input (RCA)	1
Audio Output (RCA)	1
2 Way Audio Supported	Yes
Alarm Inputs	16
Alarm Relay Outputs	8 (NO/NC)
HDMI - Master	1 (Up to 36 Split)
HDMI - Slave	1 (Up to 16 Split)
VGA	1
Output Resolution Support	3840x2160 1920x1080 1280x1024
PoE IPC Ports	-
10/100M RJ45 Port	-
10/100/1000M RJ45 Port	2
RS-485	1
RS-232	1
USB 2.0 Ports	2
USB 3.0 Ports	2

SOFTWARE

OS	Embedded Linux (ICR OS)
Smart Features	Supports Smart IPC's Face Detection from IPC's Smart Tracking 2CH IVS & 1CH VQD on NVR POS (Till Scan) ANPR
Fisheye Dewarp Support	Yes - Live, Playback & Web
Video Detection	Motion Detection, Video Loss & Camera Masking
Trigger Activations	PTZ, Tour, Alarm Out, Push, Email, FTP, Snapshot, Buzzer, Recording, PTZ, OSD
Smart Search	Yes
Simultaneous Playback	16 Channel (1080P, 30fps) 128Mbps in RAID 5 Mode 64Mbps in Single HDD Mode
Max User Access	128
Network Functions	Alarm Server, DDNS, DHCP, DNS, Email, FTP, HTTP, IP Filter, IPv4, IPv6, PPPoE, RTSP, SMTP, TCP/IP, UDP, UPnP
IPC Support	IC Realtime, ONVIF, Axis, Bosch, Dahua, Hikvision, Panasonic, Pelco, Samsung, Sony, UNV and many more
Smart Phone / Tablet PC / Mac Software	ICRSS Pro & ICView SmartICRSS & Web Browser
Push Notifications	Yes
ICDDNS	Yes
P2P	Yes
Extra Stream	Yes
ONVIF	Yes - 2.4
ARC Integration	Sentinel Plus, Immix, I-View Now

STORAGE

SATA III Ports	8 HDD - Up to 6TB per slot
HDD Hot Swap Support	Yes
RAID	Supports 0/1/5/6/10/50/60
Mini SAS Port(s)	-
iSCSI Support	Yes
eSATA Port	1
Backup Methods	USB, Network & eSATA

ENVIRONMENTAL

Case Size	2U Rack Mount
Dimensions (mm)	444 (W) x 475 (D) x 95 (H)
Redundant PSU	Yes
Hot Swap PSU	Yes
Power Supply	110-240V AC, 50/60Hz
Power Consumption	<20W (without HDD)
Working Environment	-10°C - +55°C / 86-106kpa
Storage Conditions	-20°C - +70°C / 0-90% RH
Weight	9.7KG (without HDD)
Certification	CE, FCC, UL



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