

STORM-4s-864

The STORM-4s-864 is a H.265, 64 Channel Enterprise RAID Network Video Recorder (NVR). It incorporates a powerful Embedded Linux Quad Core Processor providing 12 MegaPixel (Including 4K) resolution support and a incoming recording capacity of 320Mbps. Incorporated are a number of smart analytic functions which can utilized with smart AI IP Cameras to achieve and display useful information such as People Counting statistics, Heat Map images and crowd & vehicle density values.

Other smart searching functions are available for Facial Detection and Recognition, IVS & SMD events, and vehicle information such as vehicle ANPR, Allow/Block Lists, type and colour records. The development of these features enables operators to respond quickly and reduce the time spent searching for such events.

****Please note, the NVR requires specific models of IPC connected in order to gain above functionalities.***

The STORM-4s-864 is housed in a 2U rack mount case with 8 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/Web.

The STORM-4s-864 also supports RAID 0/1/5/10 offering a balance between storage performance, capacity and integrity, making it ideal for mission critical installations of up to 64 IP Cameras.

The STORM-4s-864 can decode H.265 Compression (High Efficiency Video Coding), and related enhanced versions of his codec, 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-4s-864 is provided license free, ONVIF Compatible and supports various 3rd party IP Camera Vendors.



64IP
Channels



H.265
Compression



12MP / 4K
Recording



320 Mbps
Recording
Bandwidth



Fisheye
Support



ANPR



POS



Intelligent
Searching



2 x 1GB
Network Ports



8 Internal
Hard Drives



RAID HDD
Management

STORM

UNCOMPROMISING

STORM-4s-864



● PERFORMANCE

IPC Resolution (Max)	12MP
IPC Recording Bandwidth	320Mbps
Bit Rate Support	16Kbps -20Mbps Per Channel
Processor	Quad Core Embedded
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG

● SOFTWARE

OS	Embedded Linux (ICR OS)
Video Detection	Motion Detection, PIR Alarm, Video Loss & Camera Masking, IPC Alarm
AI IPC Smart Search	Human, Vehicle, Non Motor, Face Search
Fisheye Dewarp Support	1 Channel Local, Web Brower, SmartPSS
Simultaneous Playback	4CH @ 8MP 15FPS / 16CH @1080P 30FPS
Max User Access	128
Network Functions	TCP/IP, IPV4, IPV6, RTP, UDP, NTP, DHCP, DDNS, EMAIL, IP FILTER, PPOE
Integrations	ONVIF Profiles T, S, G / CGI, SDK
IPC Support	IC Realtime, Onvif, Axis, Bosch, Dahua, Hikvision, Panasonic, Pelco, Samsung, Sony, UNV and many more...
Smart Phone/ Tablet	Easyviewer /DMSS
PC/ Mac Software	SmartICRSS & Web Browser
Push Notifications	Yes
DDNS	Yes
Extra Stream	Yes
P2P	Yes
ANR	Yes
ARC Integration	Yes (Please request firmware)

● CONNECTIVITY

Total Video Channels	64
IP Channels	64
HDCVI Channels	-
Audio Input (RCA) Audio	1
Output (RCA)	1
Audio (IP)	Yes
Two way Audio Supported	Yes
Alarm Inputs	16
Alarm Outputs	6
HDMI - 4K (3840 x 2160)	2
VGA	1
BNC	-
PoE UPnP IPC Ports	N/A
10/100M RJ45 Port	-
10/100/1000M RJ45 Port	2
RS-485	1
RS-232	1
USB 2.0 Port(s)	2 Front Panel
USB 3.0 Port(s)	2 Back Panel

● STORAGE

SATA Ports	8
RAID	Yes - RAID 0/1/5/10
eSATA Port	1
Backup Methods	DVD, USB & Network

● ENVIRONMENTAL

Case Size	2U Rackmount
Dimensions (mm)	440mm (W) x 451.1 mm (D) x 94.9mm (H)
Power Supply	100-240V, 50-60HZ
Power Consumption	NVR: <16.7 (without HDD)
Working Environment	-10°C-+55°C / 0%-90%RH / 86-106kpa
Weight	6.55KG (Net without HDD) 9.5KG Gross
Certification	CE, FCC, UL