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STORM-3s-832

The STORM-3s-832 is a H.265 32 Channel Enterprise 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-832 is housed in a 2U rack mount case with 8 Internal 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-832 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-832 is provided license free, ONVIF Compatible and supports various 3rd party IP Camera Vendors.

32IP 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	RAID HDD Management	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	32
IP Channels	32
BNC Channels (HDCVI)	-
Audio (IP)	Yes
Audio Input (RCA)	1
Audio Ouptut (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	ICRSS Pro & ICView
PC / Mac Software	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	-
RAID	Supports 0/1/5/6/10/50/60
Mini SAS Port(s)	-
iSCSI Support	Yes
eSATA Port	1
Backup Methods	USB, Network, DVD & eSATA

ENVIRONMENTAL

Case Size	2U Rack Mount
Dimensions (mm)	440 (W) x 451 (D) x 95 (H)
Redundant PSU	-
Hot Swap PSU	-
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	9KG (without HDD)
Certification	CE, FCC, UL

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