STORM
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STORM-1s-24256

The STORM-1s-24256 is a 256 Channel Enterprise Class Hot Swap RAID Network Video Recorder (NVR). It incorporates Intel i7 Processor and 8GB of RAM providing 8 MegaPixel resolution support, global recording capacity of 512Mbps, Smart Features and Fisheye Dewarp Support.

The STORM-1s-24256 is housed in a 4U case with 24 Hot Swap SATA Ports and 4 x 1GB Network Ports. It can facilitate 4 Alarm Inputs, 4 Alarm (Relay) Outputs, 2 x HDMI and 1x VGA Video Outputs. It supports backup methods via USB, eSATA & Network.

The STORM-1s-24256 is ideal for large scale HD IP Deployment, where enterprise class performace is required.

The STORM-1s-24256 is provided license free, Onvif Compatible and supports various 3rd party IP Camera Vendors.

Intel Inside	24 Internal Hard Drives	4K Recording	RAID HDD Management	HOT Swap PSU's

256IP Channels	Fisheye Support	Intelligent Features	Duel Power Supply

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PERFORMANCE

Resolution	IP	8 MegaPixel
	HDCVI	Not applicable
	Analogue	Not applicable

IP Recording	512Mbps
Bit Rate Support	1-20Mbps
Processor	Intel i7 / 8GB RAM
Video Compression	H.264, MJPEG

CONNECTIVITY

Total Video Channels	256
IP Channels	256
HDCVI Channels	0
Analogue Channels	0
Audio (IP)	Yes
Audio Ouptut	1
2 Way Audio Supported	Yes
Alarm Inputs	4
Alarm Relay Outputs	4
HDMI	2
VGA	1
LCD Front Panel	Optional
PoE IPC Ports	0
10/100M RJ45 Port	0
10/100/1000M RJ45 Port	4
RS-485	0
RS-232	0
USB 2.0 Ports	2 (Front)
USB 3.0 Ports	2 (Rear)

SOFTWARE

OS	Embedded Linux (ICR OS)
Smart Features	Yes
Fisheye Dewarp Support	Yes - Live & Playback
Video Detection	Motion Detection, Video Loss & Camera Masking
Smart Search	Yes
Simultaneous Playback	16 Channel (5MP, 8fps)
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	Onvif, Axis, Bosch, Hikvision, Panasonic, Pelco, Samsung, Sony 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
ARC Integration	Yes

STORAGE

SATA Ports	24
HDD Hot Swap Support	Yes
RAID	Supports 0/1/5/6/10/50/60
Mini SAS Port(s)	2
iSCSI Support	Yes
eSATA Port	1
Backup Methods	USB, Network and eSata

ENVIRONMENTAL

Case Size	4U
Dimensions (mm)	480 (W) x 494 (D) x 175 (H)
Redundant PSU	Yes
Hot Swap PSU	Yes
Power Supply	110-240V AC, 47/63Hz
Power Consumption	200W (without HDD)
Working Environment	0°C~+40°C/10%-80%RH/ 86-106kpa
Weight	29KG (without HDD)
Certification	CE, FCC

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