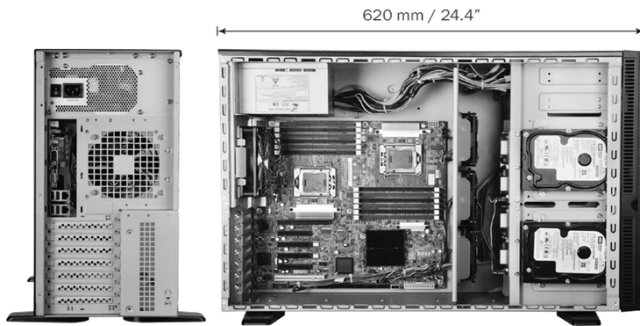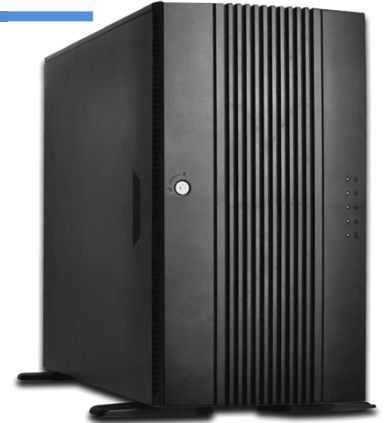# Dynacom S400 Series

Network Video Recorder / Server

620 mm / 24.4"

3 x hot-swap
middle fan

The network Dynacom Sxx series NVR / Server are premium network video recorders and servers supporting 1080p local display and IP camera Plug & Play automatic installation. Additionally, the S400 series NVR/Servers integrates IP camera dual streaming function. It is an ideal recording solution for system integrators and installers applicable from small convenience stores
and merchandise stores to medium-sized surveillance systems and projects.

With local display output ports, the S400 series NVR/Servers offers users Full HD crystal clear video on local monitor without additional devices. Supporting IP cameras dual streaming function and with 4, 6 HDD slots, the S400 series NVR /Servers are perfect storage allowing system integrators to reduce expenditure on network bandwidth and equipments, camera power supplies, cablings and installations.

The Dynacom ™ VMS software provides S400 series NVR/Servers users a scalable solution for project applications. Moreover, users are able to monitor remotely by using specific mobile device APP on iPhone, iPad and Android smart phones in the markets.

▌ Key Features

Enterprise Network Video Recorder
• HD Megapixel NVR
• RAID (0,1,5,6,10) Controller
• Multi vendor IP camera support
• SATA Dom / SSD / MSATA
• Support 7x24 Technical Services

Humane Technology
• Full HD GUI
• Joystick Support
• AVI File Export
• Smart Search
• USB Mouse / Keyboard Support
• Watermark Support
• Digital Zoom

Advanced Functions
• Embedded Operating System
• Client/Server System
• Full HD Local Display Output
• Max. 64 IP Channels Support
• H.265 / H.264 / MPEG 4 / MJPEG Recording and Playback
• IP Camera Plug & Play Support
• IP Camera Dual Streams Support
• Max. 12 SATA / SSD / SAS HDD BAYs
• 10 TB HDD Support
• Per Channel Recording Configuration
• UPnP™ Support
• ONVIF and RTSP Support

Dynacom S400 Series - Server / Network Video Recorder

MODEL	S416	S432	S464
Operation System support	Windows X, Linux X, Server 2016, Ubuntu, Suse, RHEL, Vmware, Embedded OS		
Client / Server	Support		
Video Resolutions	2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x720, 800x600, 640x480, 640x360, 320x240		
IP Camera Input (Real Time Rec.)	Up to 16ch	Up to 32ch	Up to 64ch
Digital / VGA / HDMI Output	1024 x 768, 1280 x 1024, 720p, 1080p / (HDMI, DVI, VGA and DP (opt.))		
Video Recording	H.265 / H.264 / MPEG4 / MJPEG		
Layout making	Support		
Service Based	Support		

Control

Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Turkish / Spanish / Traditional Chinese		
Front Control	Power On/Off		
	Systems Reset		
Indicator	Alarm Mute		
	Power Status, HDD/LAN activity		
Recording Mode	Continuous, Schedule, Event (Motion, Alarm & Video Loss)		
DLT/Pre-Alarm/Data Protection	Configurable		
Playback Channel	1 / 2 / 4 / 8 / 16 Channels Playback	1 / 2 / 4 / 8 / 16 / 32 Ch Playback	1 / 2 / 4 / 8 / 16 /32 / 64 Ch Playback
Playback Mode	Forward, Reverse, Step-by-Step and Different Speed Play		
Playback Search	Calendar, Event, Time, Camera ID/No		

Storage

Build-in Storage Interface	120TB (SATA2/SATA3/SSD/SAS) x 12x 3.5" HDD Drives (8xHDD Hot-Swappable), 2x120GB SSD, e-SATA Port (opt.)		
DVDRW / Cartridge	Standard / Optional		
USB Ports	6 x USB 3.0, 2 x USB 2.0 (Type-A)		
Backup	Storage Backup via NVR e-SATA Port; Remote Archive via Client Software		
e-MAP	Support		
e-MAP Live View	Support		
Motion Detection	Support		
Serial Port	2x RS232		
Smart Search	Support		
Security	Password Levels (User and Administrator)		

Network & Communication

Throughput	512 Mbit		
Network Port (Uplink)	x 2, RJ-45, 10/100/1000 Mbps (Redundant – NIC Bonding – Load Balancing)		
Network Protocols	IPv4, IPv6, TCP/IP, UDP, RTP, RTSP, HTTP, SMTP, DHCP, DNS, NTP, UPnP, IGMP, SNMP, ONVIF		
Selectable Recording Folder	Support		
Alarm Actions	Snapshot, start recording, go to preset , pop up, alarm out		
Alarm on Network fail	Support		
Support Cameras / PTZs	Multi brand		
Audio Recording	Two way, G711, G726		
Utility Software	Client Software, DynaGuard™		
Operation	Monitoring, Playback, Recording, System setup, Dome camera control, Archiving		

General

CPU Support	Intel Xeon Processor E3-1200v6/v5, i3, i5, i7 v6/v7		
# of Cores	4 / 6		
PCI Express	1 X x16, 2 X 8x		
RAM Support	4 * 8GB DIMM DDR4-2133/2400 (Max 64GB)		
Graphics	2/4GB 128bit (opt.)		
Mount Type	Tower		
Dimensions (H x W x D) w/o Front Door	620 x 220 x 425 mm		
Operation Temperature	-10°C ~ 50°C / 14°F ~ 104°F		
Operation Relative Humidity	0% ~ 90% Non-condensing		
Cooler	Supported		
System Power Supply	AC 100～240V, 50-60Hz, 250/300/500W (80+)		
Regulatory	CE / FCC / RoHS / UL		

Surveillance

Camera Support (max per screen)	400		
Media Changing	Support		
PTZ / Patrol / Preset Control(256)	Support		
Bandwidth/Capacity calculator	Support		
Video Analitics	Support		
OSD	Support		
Management	Client GUI		
Web server support	Support		
Log support	Support		
Playback speed	16x, 32x		
Changing of Resolution/Bitrate/code	Support		

Dynacom