![Dynacom communications logo]

Dynacom T900 Series

Network Video Recorder / Server

The network Dynacom Nxx series NVR / Server are premium network video recorders and servers supporting 1080p local display and IP camera Plug & Play automatic installation. Additionally, the T900 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 T900 series NVR/Servers offers users Full HD crystal clear video on local monitor without additional devices. Supporting IP cameras dual streaming function and with 12, 16, 24, 32, 50, 72 HDD slots, the T900 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 T900 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
• Hot swap and RAID (0,1,5,6,10, 50,60) Controller
• Multi vendor IP camera support
• SATA Dom / 2xSSD

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

Modular Upgrade Kits
• Joystick
• e-SATA External Storage

Advanced Functions
• Embedded Operating System
• Client/Server System
• Full HD Local Display Output
• Max. 256 IP Channels Support
• H.264 / MPEG 4 / MJPEG Recording and Playback
• IP Camera Plug & Play Support
• IP Camera Dual Streams Support
• Max. 72 SATA /SAS HDD BAYs
• 18 TB HDD Support
• Per Channel Recording Configuration
• UPnP™ Support
• ONVIF and RTSP Support
• Multi vendor camera support (more than 200 brands)

Dynacom T900 Series - Server / Network Video Recorder

MODEL	TDG900	TDG900A
Operation System	Windows X, Linux X, Embedded OS	
Client / Server	Support	
Video Resolutions	2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x720, 800x600, 640x480, 640x360, 320x240	
IP Camera Input (Real Time Rec.)	Max. 256ch	
Digital / VGA / HDMI Output	1024 x 768, 1280 x 1024, 720p, 1080p / 4x DP Output	
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 / 32 Channels 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	18TB (SATA2/SATA3/SAS) x max 72 SATA (72*3.5" +2*2.5"HDDs) x 1, 2x512GB SSD, e-SATA Port (opt.)	
DVDRW / Cartridge	Standard / Optional	
USB Ports	x 6, 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	
Alarm Input / Output	Support (max. 256)	
Smart Search	Support	
Security	Password Levels (User and Administrator)	
Client Software Monitor Support	8	

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™	
Simultaneous Client	8	
Operation	Monitoring, Playback, Recording, System setup, Dome camera control, Archiving	

General

CPU	Max 2* Intel Xeon E5 Series CPU (2.1GHz, 3GHz, 3.1GHz, 3.4GHz)	
RAM	2 * 8GB DDR3 / Max 2 * 16GB (24x DIMM Optional)	
Graphics	Intel HD Graphics 4600	
PCI Express	7x PCI-E / 1x x16	
IPMI	Support	
Mount Type	19" Rack type, 2U, 3U, 4U, 7U or 9U (Rack Mount)	
Redundant Power Supply	2*875W (80+)	
Cooler	3x Detachable	
Operation Temperature	-10°C ~ 50°C / 14°F ~ 104°F	
Operation Relative Humidity	10% ~ 90% Non-condensing	
System Power Supply	AC 100～240V, 50-60Hz, 800W	
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	

* mark for optional items
Product specification and availability are subject to change without notice.