

Dynacom DG900 Series

Network Video Recorder / Server



The network Dynacom DGxx series NVR / Server are premium network video recorders and servers supporting 1080p local display and IP camera Plug & Play automatic installation. Additionally, the DG900 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 DG900 series NVR/Servers offers users Full HD crystal clear video on local monitor without additional devices. Supporting IP cameras dual streaming function and with 8, 12, 16, 24, 32 or 50 HDD slots, the DG900 series NVR /Servers are perfect storage allowing system integrators to reduce expenditure on network bandwidth and equipments, camera power supplies, cabling and installations.

The Dynacom™ VMS software provides DG900 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
- 2x SATA Dom / 4xSSD
- Support 7x24 Technical Services

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. 64 IP Channels Support
- H.265 / H.264 / MJPEG Recording and Playback
- IP Camera Plug & Play Support
- IP Camera Dual Streams Support
- Max. 50 SATA / SSD /SAS HDD BAYS
- 14 TB HDD Support
- Per Channel Recording Configuration
- UPnP™ Support
- ONVIF and RTSP Support
- Multi vendor camera support (more than 100 brands)
- iPhone, iPad and Android Smart Phones APPs Support

Dynacom DG900 Series - Server / Network Video Recorder

MODEL	DG932	DG964	DG9128
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.)	16ch-32ch	64ch-128ch	128ch-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	1 / 2 / 4 / 8 / 16 / 32 / 64 Ch Playback	1 / 2 / 4 / 8 / 16 / 32 / 64 / 128 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	500TB (SATA2/SATA3/SAS) x max 50 SATA (50*3.5" +2*2.5"HDDs) x 1, 2x120GB 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. 64)		
Serial Port	1x RS232		
Smart Search	Support		
Security	Password Levels (User and Administrator)		
Client Software Monitor Support	4		16
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		16
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	24x DIMM - Max. 3TB		
Graphics	Intel HD Graphics 4600		
PCI Express	7x PCI-E		
IPMI	Support		
Mount Type	19" Rack type, 2U, 3U, 4U, 7U or 9U (Rack Mount)		
Redundant Power Supply	800W (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 Analytics	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.