

UltraVu: network DynaGuard™ 900 Series NVR

The network DynaGuard™ 900 series NVR is a premium network video recorder supporting 1080p local display and IP camera Plug & Play automatic installation. Additionally, the DG900 series NVR integrates IP camera dual streaming function and 8 / 16 ports PoE switch. 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 offers users Full HD crystal clear video on local monitor without additional devices. Integrated Plug & Play system, the DG900 series NVR provides users up to 8 / 16 channels of IP camera connection without network, user name, password and other complicated settings. Supporting IP cameras dual streaming function and embedded with 8 / 16 ports Power over Ethernet switch, the DG900 series NVR is a perfect storage allowing system integrators to reduce expenditure on network bandwidth and equipments, camera power supplies, cablings and installations.

The DynaGuard™ iCMS software provides DG900 series NVR 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.



Advanced Functions

- Embedded Linux system
- Full HD Local Display Output
- 8 / 16 IP Channels Support
- BL&MP H.264 / MJPEG Recording and Playback
- 8 / 16Ch PoE Switch Included (Gigabit / IEEE 802.3at / 100W)
- Secure Closed Circuit LAN for IP Cameras
- IP Camera Automatic Recovery
- IP Camera Plug & Play Support
- IP Camera Dual Streams Support
- 8 Internal SATA Ports (For HDDs, HDDRW & e-SATA Port)
- Per Channel Recording Configuration
- Audio Recording
- Data Protection
- DynaRemote™ & DynaGuard™ iCMS support
- iPhone, iPad and Android Smart Phones APPs Support

Humane Technology

- Full HD GUI
- IR Remote Control
- Jog / Shuttle
- UPnP™
- AVI File Export
- Panorama Search
- USB Mouse / Keyboard / Thumb Drive Support

Modular Upgrade Kits

- Alarm Hub for 16ch Alarm Relay Output
- D7323-2 RS-485 Keyboard for Remote Control
- D7324 for Long Distance Remote Control
- DS80 e-SATA External Storage (Reserved)

UltraVu: network DynaGuard™ 900 Series NVR

MODEL NAME		DG980	DG960
Video			
Operation System		Embedded (Linux)	
Video Standard		NTSC / PAL Switch Selectable	
IP Camera Input		8Ch	16Ch
Digital / VGA Output		1024 x 768, 1280 x 1024, 720p, 1080p pixels	
Audio			
Input		x 8, RJ-45	x 16, RJ-45
Output		x 1, RCA Line-Out	
Supported Compression Method		PCM, G.711	
Data Rate		Camera Dependent	
Recording / Playback			
BL / MP H.264 or MJPEG (IP Recording)	NTSC	240pps @ 1080P, 720P & 480P (Camera Dependent)	480pps @ 1080P, 720P & 480P (Camera Dependent)
	PAL	200pps @ 1080P, 720P & 480P (Camera Dependent)	400pps @ 1080P, 720P & 480P (Camera Dependent)
BL / MP H.264 or MJPEG (IP Playback)	NTSC	60pps @ 1080P, 120pps @ 720P & 240pps @ 480P (Camera Dependent)	120pps @ 1080P, 240pps @ 720P & 480pps @ 480P (Camera Dependent)
	PAL	50pps @ 1080P, 100pps @ 720P & 200pps @ 480P (Camera Dependent)	100pps @ 1080P, 200pps @ 720P & 400pps @ 480P (Camera Dependent)
Maximum Network Throughput		40 Mbps	80 Mbps
Recording Mode		Continuous, Schedule, Event (Motion, Alarm & Video Loss)	
DLT / Pre-Alarm / Data Protection		Configurable	
Playback Channel (Digital/VGA)		1 / 2 / 4 / 8 Channels Playback	1 / 2 / 4 / 8 / 16 Channels Playback
Playback Mode		Forward, Reverse, Step-by-Step and Different Speed Play	
Playback Search		Calendar, Event & Panorama	
Storage			
Build-in Storage Interface		x 6, 3.5" HDDs; x 1, DVDRW; x 1, e-SATA Port	
DVDRW / Cartridge		Standard / Optional	
USB Ports		x 3, USB 2.0	
Backup		USB Storage Backup via DVR USB Port; Remote Archive via Client Software	
Alarm			
Alarm Input		x 8, Terminal Block (TTL)	x 16, Terminal Block (TTL)
Alarm Detection		N.C. / N.O., Programmable	
Motion Detection		Supported	
Video Loss Detection		Supported	
Alarm Relay Output		x 2, Terminal Block, 3.0A / 30 VDC or 3.0A / 125 VAC	x 3, Terminal Block, 3.0A / 30 VDC or 3.0A / 125 VAC
Network & Communication			
Network Port (Uplink)		x 1, RJ-45, 10/100/1000 Mbps	
Network Ports		x 8, RJ-45 with PoE, 10/100/1000 Mbps	x 16, RJ-45 with PoE, 10/100/1000 Mbps
Power Over Ethernet		IEEE 802.3at	
Supported Cameras / PTZs		Nx Series	
Remote Software		DynaGuard™ Remote	
Utility Software		Device Search, DVRPlayer, DynaGuard™ iCMS	
Remote Operation		Monitoring, Playback, Recording, System setup, Dome camera control, Archiving	
General			
Unit Dimensions		440(W) x 90(H) x 450(D) mm / 17.3(W) x 3.5(H) x 17.7(D) inch	
Unit Weight		9 kg / 19.9 lbs	
Package Dimensions		563(W) x 197(H) x 558(D) mm / 22.2(W) x 7.8(H) x 22(D) inch	
Package Weight		12 kg / 26.5 lbs	
Operation Temperature		0°C ~ 40°C / 32°F ~ 104°F	
Operation Relative Humidity		10% ~ 90% Non-condensing	
System Power Supply		AC 100~240V, 50-60Hz 200W (Auto Selection)	AC 100~240V, 50-60Hz 350W (Auto Selection)
Power Arrangement		100W for NVR System 10W for PSE Switch 90W for PoE Devices	150W for NVR System 10W for PSE Switch 190W for PoE Devices

Product specification and availability subject to change without notice

Certain product names mentioned herein may be trade names and / or registered trademarks of their companies