

# 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 4 / 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 4 / 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 4 / 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, cabling and installations.

The DynaGuard™ CMS 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
- 4 / 8 / 16 IP Channels Support
- H.264 / MJPEG Recording and Playback
- 4 / 8 / 16Ch PoE Switch Included
- Secure Closed Circuit LAN for IP Cameras
- IP Camera Automatic Recovery
- IP Camera Plug & Play Support
- IP Camera Dual Streams Support
- Per Channel Recording Configuration
- Audio Recording
- Data Protection
- DynaRemote™ & DynaGuard™ CMS 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

## 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

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MODEL NAME	DG940	DG980	DG960 1U	DG960 4SATA	DG960
<b>Video</b>					
Operation System	Embedded ( Linux )				
Video Standard	NTSC / PAL Switch Selectable				
IP Camera Input	4Ch	8Ch	16Ch		
HDMI / VGA Output	1024 x 768, 1280 x 1024, 720p, 1080p pixels				
<b>Audio</b>					
Input	x 4, RJ-45	x 8, RJ-45	x 16, RJ-45		
Output	x 1, RCA Line-Out				
Supported Format	PCM, G.711				
Data Rate	64kbps/Ch (Camera Dependent)				
<b>Recording / Playback</b>					
H.264 & MJPEG (Recording)	NTSC	120pps @ 1080P, 720P & VGA (Camera Dependent)	240pps @ 1080P, 720P & VGA (Camera Dependent)	480pps @ 1080P, 720P & VGA (Camera Dependent)	
	PAL	100pps @ 1080P, 720P & VGA (Camera Dependent)	200pps @ 1080P, 720P & VGA (Camera Dependent)	400pps @ 1080P, 720P & VGA (Camera Dependent)	
H.264 & MJPEG (Playback)	NTSC	60pps @ 1080P, 120pps @ 720P & 240pps @ VGA (Camera Dependent)		120pps @ 1080P, 240pps @ 720P & 480pps @ VGA (Camera Dependent)	
	PAL	50pps @ 1080P, 100pps @ 720P & 200pps @ VGA (Camera Dependent)		100pps @ 1080P, 200pps @ 720P & 400pps @ VGA (Camera Dependent)	
Maximum Network Input Throughput	20 Mbps	40 Mbps	80 Mbps		
Recording Mode	Continuous, Schedule, Event (Motion, Alarm & Video Loss)				
DLT / Pre-Alarm	Configurable				
Playback Channel	1 / 4 Channels	1 / 4 / 9 Channels	1 / 4 / 9 / 16 Channels		
Playback Mode / Search	Forward, Reverse, Step-by-Step and Different Speed Play / Calendar, Event & Panorama				
<b>Storage</b>					
Build-in Storage Interface	x 3, 3.5" HDDs x 1, e-SATA Port	x 7, 3.5" HDDs x 1, e-SATA Port	x 4, 3.5" HDDs x 1, e-SATA Port	x 4, 3.5" HDDs x 1, e-SATA Port	x 8, 3.5" HDDs x 2, e-SATA Ports
DVDRW (Optional)	x 2, 3.5" HDDs x 1, e-SATA Port x 1, DVDRW	x 6, 3.5" HDDs x 1, e-SATA Port x 1, DVDRW	N.A.	x 4, 3.5" HDDs x 1, e-SATA Port x 1, DVDRW	N.A.
USB Ports	x 2, USB 2.0	x 3, USB 2.0	x 2, USB 2.0		
Backup	USB Storage Backup via DVR USB Port; Remote Archive via Client Software				
<b>Alarm</b>					
Alarm Input	x 4, Terminal Block (TTL)	x 8, Terminal Block (TTL)	x 16, Terminal Block (TTL)		
Alarm Detection	N.C. / N.O., Programmable				
Alarm Relay Output	x 2, Terminal Block, 3.0A / 30 VDC or 3.0A / 125 VAC		x 1, Terminal Block, 3.0A / 30 VDC or 3.0A / 125 VAC	x 3, Terminal Block, 3.0A / 30 VDC or 3.0A / 125 VAC	
<b>Network &amp; Communication</b>					
Network Port (Uplink)	x 1, RJ-45, 10/100/1000 Mbps				
Network Ports	x 4, RJ-45 with PoE, 10/100 Mbps	x 8, RJ-45 with PoE, 10/100 Mbps	x 16, RJ-45 with PoE, 10/100 Mbps		
Power Over Ethernet	IEEE 802.3at				
Remote / Utility Software	DynaGuard™ Remote / Device Search, NVRPlayer, DynaGuard™ CMS				
Remote Operation	Monitoring, Playback, Recording, System setup, Dome camera control, Archiving				
<b>General</b>					
Unit Dimensions	440(W) x 55(H) x 360(D) mm 17.4(W) x 2.2(H) x 14.2(D) inch	440(W) x 90(H) x 450(D) mm 17.3(W) x 3.5(H) x 17.7(D) inch	430(W) x 44(H) x 415(D) mm 17(W) x 1.8(H) x 16.4(D) inch	440(W) x 90(H) x 450(D) mm 17.3(W) x 3.5(H) x 17.7(D) inch	
Unit Weight	3.5 Kg / 7.8 Lbs	9 kg / 19.9 lbs	6.5 kg / 14.4 lbs	9 kg / 19.9 lbs	
Package Dimensions	547(W) x 153(H) x 446(D) mm 21.6(W) x 6.1(H) x 17.6(D) inch	552(W) x 187(H) x 552(D) mm 21.8(W) x 7.4(H) x 21.8(D) inch	552(W) x 165(H) x 505(D) mm 21.8(W) x 6.5(H) x 19.9(D) inch	552(W) x 187(H) x 552(D) mm 21.8(W) x 7.4(H) x 21.8(D) inch	
Package Weight	4.7 Kg / 10.3 Lbs	11.5 kg / 25.4 lbs	8.5 kg / 18.8 lbs	11.5 kg / 25.4 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		AC 100 ~ 240V, 50-60Hz, 300W		
Power Arrangement	100W for NVR System / 100W for PoE Devices		100W for NVR System / 200W for PoE Devices		

Product specification and availability subject to change without notice

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