

Display Wall Controllers



DG-X9/DG-X11 SERIES

Advanced Graphics Display Technology
19" 4U Industrial Server

POWERFUL

DG-X9/X11 video wall controllers have been designed for large video wall installations and control rooms. Suitable for any type of command and control environment. The DG-X9/X11 offers the perfect balance between video capture and image display. Providing seamless compatibility with world class Vision capture, Image graphics and ActiveSQX decoding cards. This allows physical and IP video sources to be displayed on medium and large scale video walls. Operators have the freedom to see any source on single screen or multiple screen layouts.

Each DG-X9/X11 system comes equipped with Windows 10 to ensure the highest performance available and long term OS support.

EXCELLENT PROCESSING

The DG-X9/X11 are industrial servers incorporating a 9 or 11 slot PCIe backplane. The switched fabric technology provides high bandwidth Gen3 PCIe slots. Each slot is capable of delivering high resolution bandwidth from a range of capture cards to multiple outputs.

The DG-X9/X11 systems come equipped with either Intel™ Core i7 or Xeon processors. Dual 240GB solid state drives in a RAID 1 configuration are standard with system memory options up to 32GB. In order to maximise airflow, the 4U chassis has been custom designed to allow more air into the system. This keeps temperatures low and reduces fan noise.



Command and Control | Utilities | Transportation | Emergency Operations Centers
Network Operations | Telecommunications | Military | Broadcast

DG-X SYSTEMS

The following DG-X9/X11 model numbers are available:

1. DG-X9K7: 9 slot system 600W RPSU with Intel™ Corei7 processor, 16GB of RAM, Dual 240GB SSD drives RAID-1 Configured, Windows 10 LTSB
2. DG-X9K8: 9 slot system 600W RPSU with Intel™ Xeon E3 processor, 32GB of RAM, Dual 240GB SSD drives RAID-1 Configured, Windows 10 LTSB
3. DG-X11K7: 11 slot system 800W RPSU with Intel™ Corei7 processor, 16GB of RAM, Dual 240GB SSD drives RAID-1 Configured, Windows 10 LTSB
4. DG-X11K8: 11 slot system 800W RPSU with Intel™ Xeon E3 processor, 32GB of RAM, Dual 240GB SSD drives RAID-1 Configured, Windows 10 LTSB

D-WALL SOFTWARE

The DG-X9/X11 systems are compatible with Mitsubishi's DWALL software. This video wall content management software allows users to quickly and easily place sources anywhere on the video wall array via a simple drag and drop user interface. Once the content is placed on the video wall, the layouts can be saved and recalled later when needed. See Mitsubishi's DWALL software brochure and data sheet for more details regarding the features and capability of the software.



Products manufactured by Datapath, powered by Mitsubishi Electric. All specifications are subject to change without prior notice.

SPECIFICATIONS

MOTHERBOARD	
DG-X9K7 / DG-X11K7	Portwell ROBO8113-Q170
DG-X9K8 / DG-X11K8	Portwell ROBO8113-C236
PROCESSOR OPTIONS	
DG-X9K7 / DG-X11K7	Intel™ Core i7; up to 3.6 GHz; 8MB cache
DG-X9K8 / DG-X11K8	Intel™ Xeon E3; up to 3.6 GHz; 8MB L3 cache
SYSTEM MEMORY	
DG-X9K7 / DG-X11K7	16GB Standard (32GB optional upgrade)
DG-X9K8 / DG-X11K8	32GB Standard (maximum available)
STORAGE DRIVES	
SSD	Dual 240GB SSD; RAID 1 Configured (Dual 480GB SSD optional upgrade)
OPERATING SYSTEM	
Windows 10 LTSB	
POWER SUPPLY	
DG-X9K7 / DG-X9K8	RPSU 600 WATTS; 110-240V
DG-X11K7 / DG-X11K8	RPSU 800 WATTS; 110-240V
BACKPLANE	
PCIe Gen3 switched fabric	
DG-X9K7 / DG-X9K8	1 slot x8 - 8GB/s uplink and downlink 8 slot x4 - 4GB/s uplink and downlink
DG-X11K7 / DG-X11K8	11 slot x8 - 8GB/s uplink and downlink
CONNECTIVITY	
USB	2 x 3.0 (back panel) 6 x 2.0 (2 front, 2 back, 2 internal)
Ethernet	Dual 10Base-T / 100Base-TX / 1000Base-T
On-board Graphics	DVI-I for control screen
RS232	For control
ENVIRONMENT	
Operating Temp.	0 to 35 °C (32 to 95 °F)
Storage Temp.	-20 to 70 °C (-4 to 158 °F)
Relative Humidity	5% to 90% non-condensing
Noise	48.6dB (A) up to 67.9dB (A) (Depends on system config & ambient temp)
DIMENSIONS	
Size (WxHxD)	18.98" (W) x 6.89" (H) x 19.69" (D)
Weight	42 - 55 lbs. (shipped 66 - 73 lbs.)
COMPLIANCE	
FCC/CE/RoHS/CCC	
CARD COMPATIBILITY	
Graphics	ImageDP4+
Capture	VisionSC-DP2, VisionSC-HD4+, VisionSC-SDI4, VisionSD8, VisionAV-HD, ActiveSQX



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.



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