



Summary

The VMAX IP G4 is an NDAA and TAA compliant, easy to use embedded PoE network video recorder (NVR) that allows you to go from power up to monitoring in minutes! Available with 4 Power over Ethernet (PoE) ports and expandable to 9 cameras, the NVRs can record and manage single-sensor IP cameras up to 4K resolution and comes with up to 16TB internal storage.

Features

- Complete installation, setup and camera configuration in minutes!
- CCIP system encryption via TLS protects your surveillance system from out of network attacks
- Record and manage single-sensor IP cameras at real-time 30fps up to 4K
- Local power for up to 4 IP cameras via resident PoE switch
- DW Witness turns a smartphone or tablet into a surveillance camera
- PathFinder easy end-to-end remote connection with NAT Traversal (STUN/TURN) support
- Automatic device discovery
- Compatible with ONVIF cameras
- 0-16TB storage options
- Transfer real-time data using Real Time Streaming Protocol (RTSP)
- Snapshot Notify sends interval camera images verification
- Remote monitoring & management with C3 CMS and mobile app
- Event camera group recording
- Real-time system, PoE and network status monitoring and analysis
- Event notifications via email, text and push notifications
- Dual-stream recording
- Easy drag and drop camera management
- Instant backup during playback
- True HD and VGA simultaneous output support
- Pair with DW Spot Monitoring module for Public View Monitors
- 4 sensor inputs, 1 relay outputs
- Advanced H.265/H.264 Linux embedded NVR
- NVR calculation and auto-recording configuration
- Screen saver to protect monitor screen
- Import/export configuration between multiple NVRs
- Auto or manual firmware upgrade available
- NDAA/TAA compliant
- 5 year limited warranty

Dimensions

Unit: Inch (mm)



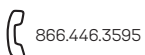
Specifications

VIDEO	
Operating system	Embedded Linux
System	Channel
	No. of PoE
	Max supported resolution
	Communication protocol
Display	PoE type
	Speed
	Screen mode
Video-out	Monitor
	Resolution
System operation	
PERFORMANCE	
Recording speed	Up to 270fps up to 4K (2160p) resolution
Maximum throughput	80 Mbps
Recording streaming	Dual-stream
Recording modes	Continuous, scheduled, sensor and motion detection recording
	Pre- and post-alarm recording, emergency recording, quick backup
Playback and search	Speed
	Channel and resolution
	Function
Audio input / output	1Ch input/1Ch output
Alarm input / relay output	4Ch inputs / 1Ch output
PTZ control	RS-485, ONVIF
Storage	HDD interface
	Max. internal storage
	HDD health-check
Transaction verification	Text-in Based (USB to Serial support, TCP/IP Network), Display POS Data on Live & Playback
NETWORK	
LAN	1,000Mbps Ethernet (RJ45)
Protocols	IPv4, TCP/IP, DHCP, HTTP, RTSP, STMP, FTP, Zero Configuration, NTP, DDNS
Access	Web viewer
	Video streaming functions
	Monitoring software
Network functions	Live monitoring, remote playback and file backup
Remote system control	Remote system reboot, system management, notifications and remote PTZ control
Remote Time sync	Time synchronization to an NTP server (pool.ntp.org)
Remote system notifications	Notifications for system health, events and alarms
System recovery after power failure	Auto-reboot and journaling file system
Other function	Firmware upgrade
	Back-up
	Special features
	Mobile client
	Health check
GENERAL	
Operating temperature and humidity	23°F - 122°F (-5°C - 50°C) / 10-90% RH
Certification	CE, FCC, KCC, NDAA, TAA
System	Power requirement
	Power consumption
PoE	Max power per port
	Total PoE power budget
Dimension (W x D x H)	11.81" x 9.8" x 1.77" (300 x 249 x 45 mm)
Warranty	5 year limited



Available Models

- DW-VG494P - no HDD.
- DW-VG492T4P - 2TB internal storage.
- DW-VG494T4P - 4TB internal storage.
- DW-VG496T4P - 6TB internal storage.
- DW-VG498T4P - 8TB internal storage.
- DW-VG4910T4P - 10TB internal storage.
- DW-VG49124P - 12TB internal storage.
- DW-VG4916T4P - 16TB internal storage.



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