



Summary

The VMAX® IP Plus™ is an easy to use PoE NVR that allows you to go from power up to monitoring in less than three minutes! Combine with the DW Witness™ app to turn the camera on a smartphone or tablet into a surveillance camera that can be viewed and recorded on the NVR. Available with 8 PoE ports (expandable to 12 cameras), the NVRs can record and manage single-sensor IP cameras up to 4K, with 80Mbps maximum throughput.

Features

- Complete installation, setup and camera configuration in under three minutes!
- CCIP™ system encryption protects your surveillance system from out of network attacks
- Record and manage single-sensor IP cameras at real-time 30fps up to 4K (3840x2160), with 80Mbps maximum throughput
- Local power for up to 8 IP cameras via resident PoE switch
- myDW® Cloud Management Services
- DW Witness™ turns a smartphone or tablet into an additional surveillance camera
- PathFinder™ Peer-to-Peer (P2P) remote connection
- HTTPS encryption supported
- Automatic device discovery
- Control any ONVIF camera's setup and features remotely
- 2TB-24TB storage options
- Snapshot Notify™: Programmable interval camera image verification sent to an email
- C3™ CMS and event server software up to 144 Channels
- Event notifications via e-mail, text and C3™ CMS and push notifications to mobile devices
- Mobile application for iPhone, iPad, iPod, Android smartphones and tablets and Apple TV
- Dual-stream recording
- Easy drag and drop camera management
- Instant backup during playback
- 4K output for local live and playback display
- Complete system analysis with real-time system, network and PoE status monitoring
- True HD and VGA simultaneous output support
- 4 sensor input, 1 alarm relay output
- Up to 4ch transaction verification via TCP and USB-serial
- Simple and free DDNS support for remote management
- Easy web-based client with multi-user access
- Advanced H.264 Linux embedded NVR
- Simultaneous live, playback, recording, back-up and network
- NVR calculation and auto-recording configuration
- Help menu on major functions
- Auto or manual firmware upgrade available
- Automatic private IP addressing
- NTP (network time protocol)
- Screen saver to protect monitor screen
- Import/export configuration between multiple NVRs
- USB mouse and GUI control
- 5 year limited warranty

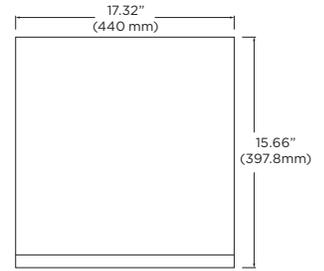
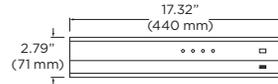


Available Models

- DW-VP12P – no local storage
- DW-VP123T8P – 3TB storage
- DW-VP124T8P – 4TB storage
- DW-VP126T8P – 6TB storage
- DW-VP129T8P – 9TB storage
- DW-VP1212T8P – 12TB storage
- DW-VP1218T8P – 18TB storage
- DW-VP1224T8P – 24TB storage

Dimensions

Unit: Inch (mm)



Specifications

Designed and engineered in U.S.A and Korea

Operating system		Embedded Linux®	
System	Channel	12 channel	
	No. of PoE	8 Ch	
	Maximum supported resolution	IP camera maximum 4K (3840x2160)	
	Communication protocol	ONVIF®	
Display	PoE type	100Mbps, 802.3at	
	Speed	360fps	
	Screen mode	1, 4, 9 and 12	
Video-out	Monitor	True HD and VGA	
	Resolution	1024x768, 1280x720, 1280x1024, 1920x1080, 2560x1600, 3840x2160 (4K)	
Recording speed		Up to 360fps up to 4K resolution	
Maximum throughput		80 Mbps	
Maximum HDD bay		4 x SATA HDD	
Recording resolution		Dual-stream	
Recording modes		Continuous, scheduled, sensor and motion detection Pre- and post-alarm recording, emergency recording, quick backup	
Playback and search	Speed	x1, x2, x4, x8, x16, x32, x64, x99	
	Function	Timeline, calendar (date and time), event search, thumbnail search, smart motion search	
Audio input / output		1Ch output	
Alarm input / relay output		16Ch inputs / 4Ch outputs	
PTZ control		RS-485, ONVIF	
Transaction verification		Text-in Based (USB to Serial support, TCP/IP Network)	
LAN		Gigabit Ethernet (RJ45)	
Access	Web viewer	Live, playback and configuration up to 10 multiple connections	
	Client monitoring software	Mac® (Apple® S/W), C3™ (CMS S/W), myDW® web portal and mobile app	
Backup device		Local backup by USB, network backup by CMS	
System recovery after power failure		Auto-reboot and journaling file system	
Other functions	Firmware upgrade	FTP, USB and CMS over Network	
	Back-up	Import and export settings, watermark and AVI file backup	
	Special features	Local PoE switch	Quick Setup under 3 minutes
		Snapshot Notify™: Programmable interval camera image verification sent to an email	Event notifications via e-mail, text and C3™ CMS and push notifications to mobile devices
		Real-time temp alert	Digital Zoom in live and playback
Mobile client	VMAX Plus app, DW Witness™ turns a smartphone or tablet into a surveillance camera viewed and recorded on your VMAX IP Plus		
Health check	Real-time system, network and PoE status monitoring		
System operation		IR remote controller (optional, sold separately), USB mouse, PTZ control by keyboard (optional)	
Power requirements		110-240V A/C	
Power consumption		360 W total power budget, 5.5A, 18.75W per PoE channel (simultaneous)	
Total PoE power budget		150W	
Maximum power per port		30W	
Operating temp. and humidity		41-104 °F (5-40 °C) / 20-90% RH	
Dimension (W x D x H)		17.32" x 15.66" x 2.79" (440 x 397.8 x 70 mm), 1.5U	
Certification		CE, FCC, KCC, WEEE, RoHS	
Warranty		5 year limited	

Accessories (optional)



DW-VP16RE
19" rack
mount ears