



## 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 4 PoE ports (expandable to 9 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 (3840×2160), with 80Mbps maximum throughput
- Local power for up to 4 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-12TB 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
- An 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

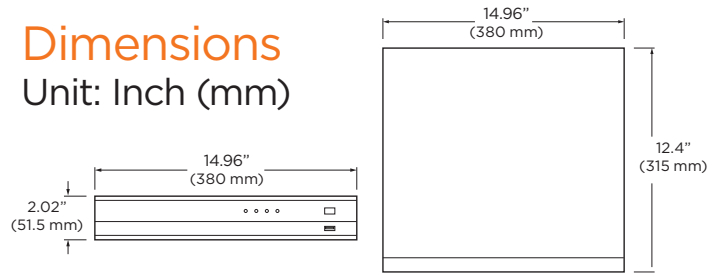


## Available Models

- DW-VP9P - no local storage
- DW-VP96T4P - 6TB storage
- DW-VP92T4P - 2TB storage
- DW-VP94T4P - 4TB storage
- DW-VP912T4P - 12TB storage

## Dimensions

Unit: Inch (mm)



## Specifications

Designed and engineered in U.S.A and Korea

Operating system		Embedded Linux®	
System	Channel	9 channel	
	No. of PoE	4 Ch	
	Maximum supported resolution	IP camera maximum 4K (3840×2160)	
	Communication protocol	ONVIF®	
Display	PoE type	1Gbps, 802.3at	
	Speed	270fps	
Video-out	Screen mode	1, 4 and 9	
	Monitor	True HD and VGA	
Recording speed	Resolution	1024x768, 1280x720, 1280x1024, 1920x1080, 2560x1600, 3840x2160 (4K)	
	Maximum throughput	Up to 270fps up to 4K resolution	
Maximum HDD bay		2 x SATA HDD	
Recording resolution		Dual-stream	
Recording modes		Continuous, scheduled, sensor and motion detection	
Playback and search	Pre- and post-alarm recording, emergency recording, quick backup		
	Speed	x1, x2, x4, x8, x16, x32, x64, x99	
Audio input / output	Function	Timeline, calendar (date and time), event search, thumbnail search, smart motion search	
	Alarm input / relay output	1Ch output	
PTZ control		4Ch inputs / 1Ch output	
Transaction verification		RS-485, ONVIF	
LAN		Text-in Based (USB to Serial support, TCP/IP Network)	
Access		Gigabit Ethernet (RJ45)	
	Web viewer	Live, playback and configuration up to 10 multiple connections	
Backup device	Client monitoring software	Mac® (Apple® S/W), C3™ (CMS S/W), myDW™ web portal and mobile app	
		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
Mobile client	Real-time temp alert	Digital Zoom in live and playback	
	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		48V D/C	
Power consumption		90W total power budget, 1.875A 19W per PoE channel (simultaneous)	
Total PoE power budget		76W	
Maximum power per port		30W	
Operating temperature and humidity		41-104 °F (5-40 °C) / 20-90% RH	
Dimension (W x D x H)		14.96" x 12.4" x 2.02" (380 x 315 x 51.5 mm), 1U	
Certification		CE, FCC, KCC, WEEE, RoHS	
Warranty		5 year limited	

## Accessories (optional)



DW-VAP19RE  
19" rack  
mount ears