



## Summary

The VMAX<sup>®</sup> IP Plus<sup>™</sup> is an easy to use to use PoE NVR that allows you to go from power up to monitoring in less than three minutes! The NVR offers unique features such as CCIP<sup>™</sup> camera encryption and internal systems diagnostics, keeping your system healthy, secure and up to date. Combine with the DW Witness<sup>™</sup> 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 16 PoE ports, the NVRs can record and manage single-sensor IP cameras up to 5 Megapixel, with 80Mbps maximum throughput.

## Features

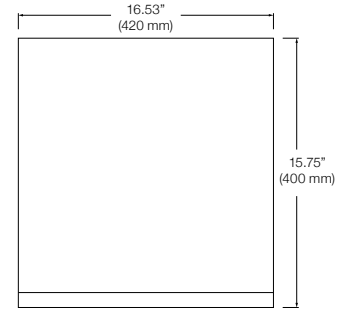
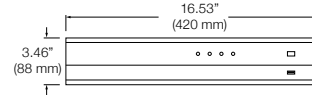
- Simple and easy to navigate VMAX GUI for the most user-friendly solution on the market
- Complete installation, setup and camera configuration in under three minutes!
- Control any ONVIF camera's setup and features remotely
- DW Witness<sup>™</sup> turns a smartphone or tablet into an additional surveillance camera
- Pathfinder<sup>™</sup> auto port forwarding
- Record and manage single-sensor IP cameras up to 5MP (2592x1920), with 80Mbps maximum throughput (equivalent to 16 2.1MP IP cameras)
- Local power for up to 16 IP cameras via resident PoE switch
- CCIP<sup>™</sup> system encryption protects your surveillance system from out of network attacks
- Pivot<sup>™</sup> camera management software
- Mobile application for iPhone, iPad, iPod, Android smart phones and tablets and Apple TV
- Automatic device discovery
- Dual stream recording
- Easy drag and drop camera management
- Instant backup during playback
- Full HD (1080p) output for local live & playback display
- Complete system analysis with real-time system, network and PoE status monitoring
- True HD & VGA simultaneous output support
- 4 sensor input, 1 alarm relay output
- Up to 16ch transaction verification via TCP and USB-serial
- Email event notifications with video clip
- Simple & 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, network
- NVR health check with e-mail notification
- 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-VP163T16P – 3TB Internal Storage
- DW-VP164T16P – 4TB Internal Storage
- DW-VP166T16P – 6TB Internal Storage
- DW-VP169T16P – 9TB Internal Storage
- DW-VP1612T16P – 12TB Internal Storage
- DW-VP1618T16P – 18TB Internal Storage
- DW-VP1624T16P – 24TB Internal Storage

## Dimensions

Unit: Inch (mm)



## Specifications

Operating system		Embedded Linux <sup>®</sup>
System	Channel	16 channel
	No. of PoE	16 ch
	Communication protocol	ONVIF <sup>®</sup>
	PoE type	1Gbps, 802.3af
Display	Speed	480fps
	Screen mode	1, 4, 9 & 16
Max. HDD bay		4 x SATA HDD
Video-in		IP camera (max. 5MP (2592x1920))
Video-Out	Monitor	True HD, VGA and composite
	Resolution	True HD output: 800x600, 1024x768, 1280x1024, 1920x1080
Recording speed	FPS	360fps
	Resolution	CIF, D1, 1.3MP, 2.1MP, 5MP
	Max. throughput	80 Mbps
Recording resolution		Dual stream
Recording modes		Continuous, C+M, C+S, scheduled, sensor & motion detection recording
		Pre alarm recording, emergency recording, quick backup
Playback & search	Speed	x1, x2, x4, x8, x16, x32, x64, x100
	Function	Intelli-search by time bar, calendar (date & time) and event search
Audio output		1 Ch
Alarm input / relay output		4 Ch / 1 Ch
PTZ control		RS-485, ONVIF
Transaction verification		TCP and USB-serial interface
LAN		1xgigabit Ethernet (RJ45) – fixed IP, DHCP & DDNS
Remote Software		Pivot Pro <sup>™</sup> , web client, mobile client for Android <sup>®</sup> & Apple <sup>®</sup> smart phones and tablets and Apple TV
Backup Device		Local backup by USB, network backup by CMS
System Recovery after Power Failure		Auto-reboot and journaling file system
Other function	Firmware upgrade	FTP, USB
	Back up	USB
	Special features	Local PoE switch
	Health check	Real-time system, network and PoE status monitoring
System operation		IR remote controller (optional), USB mouse, PTZ control by Keyboard (keyboard not included)
Power requirements		110~240V A/C
Power consumption		200W total power budget, 8.3A, 15.4W per PoE channel
Operating temperature and humidity		41~104 °F (5~40 °C) / 20~90% RH
Dimension (WxDxH)		16.53 x 15.75 x 3.46 Inch (420 x 400 x 88 mm)
Certification		CE, FCC, KCC, WEEE, RoHS

## Accessories (optional)



DW-VPR19E  
19" rack mount ears



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sales@dwc



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