



3 Minute INSTALL



12 Channels Total
8 Channels PoE



DW Witness™



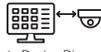
PathFinder™



CCIP™ Encryption



Real-Time Monitoring



Auto Device Discovery

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
- Automatic device discovery
- Control any ONVIF[™] camera's setup and features remotely
- 2TB-32TB storage options
- Snapshot Notify[™]: programmable interval camera image verification sent to an email
- Remote management with C3[™] CMS software up to 288 channels
- Event notifications via email, text and C3[™] CMS and push notifications to mobile devices
- Mobile Application for iOS[®] and Android[®] devices 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 analysis with real-time system, network and PoE monitoring
- True HD and VGA simultaneous output support
- 16 sensor inputs, 4 alarm relay outputs
- Advanced H.265, H.264 Linux embedded NVR
- NVR calculation and auto-recording configuration
- Add public view monitors with Spot Monitoring Modules
- Help menu on major functions
- Auto or manual firmware upgrade available
- Screen saver to protect monitor screen
- Import/export configuration between multiple NVRs
- USB mouse and GUI control
- 3 year limited warranty

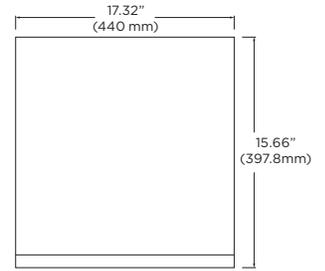
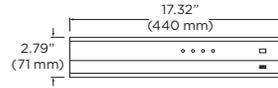


Accessories (optional)



DW-VP16RE
19" rack
mount ears

Dimensions Unit: Inch (mm)



Specifications

Operating system	Embedded Linux [®]	
Video compression	H.265, H.264	
System	Channel	12 channel
	Number of PoE	8 Ch
	Maximum 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 output	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	4x HDDs, up to 32TB storage	
Recording resolution	Dual-stream	
Recording modes	Continuous, scheduled, sensor and motion detection, pre- and post-alarm, emergency, 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	1 output	
Alarm input/relay output	16 inputs/4 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 [®] , C3 CMS, DW Mobile Plus 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 Snapshot Notify: Programmable interval camera image verification sent to an email Event notifications via email, text and C3 [™] CMS and push notifications to mobile devices Real-time temp alert Digital zoom in live and playback
	Mobile client	DW Mobile Plus app, DW Witness
	Health check	Real-time system, network and PoE status monitoring
System operation	IR remote controller (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 temperature 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	3 year limited	

ORDERING INFORMATION

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