VMAX ip PLUS™
Complete IP Video Solutions

3 Minute INSTALL

16 CH / 16×
16 Channels Total
16 Channels PoE

DW Mobile Witness™

PathFinder™

CCIP™ Encryption

30fps
Real-Time Monitoring

Auto Device Discovery

Dimensions
Unit: Inch (mm)

16.53" (420 mm)

16.53" (420 mm)

3.46" (88 mm)

15.75" (400 mm)

Summary

The VMAX® IP Plus™ 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™ camera encryption and internal systems diagnostics, keeping your system healthy, secure and up to date. 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 16 PoE ports, the NVRs can record and manage single-sensor IP cameras up to 5 Megapixel, with 80Mbps maximum throughput.
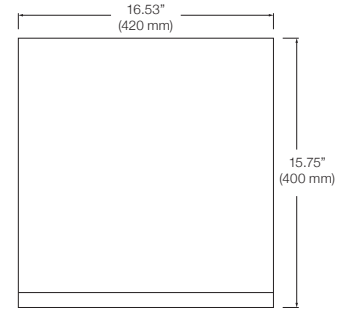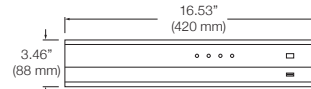
Features

- 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™ turns a smartphone or tablet into an additional surveillance camera
- Pathfinder™ 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™ system encryption protects your surveillance system from out of network attacks
- Pivot™ 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

Specifications

ONVIF

Operating System		Embedded Linux®
System	Channel	16 channel
	No. of PoE	16 Ch
	Communication Protocol	ONVIF®
	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™, Web Client, Mobile Client for Android® & Apple® 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

Available Models

- DW-VP163T16P – 3TB Internal Storage
- DW-VP164T16P – 4TB Internal Storage
- DW-VP166T16P – 6TB Internal Storage
- DW-VP168T16P – 8TB Internal Storage
- DW-VP1612T16P – 12TB Internal Storage
- DW-VP1618T16P – 18TB Internal Storage
- DW-VP1624T16P – 24TB Internal Storage

Accessories (Optional)

DW-VPR19E
19" Rack Mount Ears

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DW DIGITAL WATCHDOG®
Complete Surveillance Solutions