



16 Channels Total
16 Channels PoE

DW Witness™

PathFinder™

CCIP™ Encryption

Real-Time Monitoring

Auto Device Discovery

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! 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 5MP, with 80Mbps maximum throughput.

Features

- Complete installation, set up 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 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
- DW Witness[™] turns a smartphone or tablet into an additional surveillance camera
- myDW[®] Cloud Management Services
- PathFinder[™] Peer-to-Peer (P2P) remote connection
- Automatic device discovery
- Control any ONVIF camera's set up and features remotely
- 2TB-24TB storage options
- Snapshot Notify[™]: camera notifications sent to an e-mail or CMS
- 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
- Full HD (1080p) 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
- E-mail event notifications with video clip
- 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 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

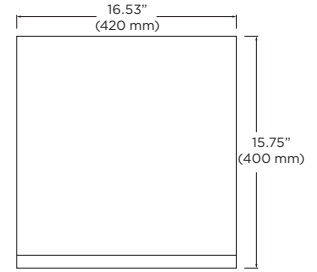
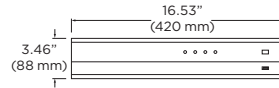


Available Models

- DW-VP163T16P - 3TB Internal Storage
- DW-VP164T16P - 4TB Internal Storage
- DW-VP166T16P - 6TB Internal Storage
- DW-VP169T16P - 9TB Internal Storage
- DW-VP162T16P - 12TB Internal Storage
- DW-VP168T16P - 18TB Internal Storage
- DW-VP1624T16P - 24TB Internal Storage
- DW-VP16P - no local storage

Dimensions

Unit: Inch (mm)



Specifications

Designed and engineered in U.S.A and Korea

Operating system		Embedded Linux [®]
System	Channel	16 channels
	No. of PoE	16 Ch
	Max supported resolution	IP camera max. 5MP (2592 x 1920)
	Communication protocol	ONVIF [®]
Display	PoE type	1Gbps, 802.3af
	Speed	480fps
Video-out	Screen mode	1, 4, 9 and 16
	Monitor	True HD and VGA
Recording speed	Resolution	True HD output: 800 x 600, 1024 x 768, 1280 x 1024, 1920 x 1080
	Max. throughput	Up to 480fps up to 5MP resolution
Max. HDD bay	80 Mbps	
Recording resolution	4 x SATA HDD	
Recording modes	Recording resolution	Dual stream
	Recording modes	Continuous, C+M, C+S, scheduled, sensor and motion detection recording
Playback and search	Pre-alarm recording, emergency recording, quick backup	
	Speed	x1, x2, x4, x8, x16, x32
Audio output	Function	Intelli-search by time bar, calendar (date and time) and event search
	1 Ch	
Alarm input / relay output	4 Ch / 1 Ch	
PTZ control	RS-485, ONVIF [®]	
Transaction verification	TCP and USB-serial interface	
LAN	1x gigabit ethernet (RJ45) - fixed IP, DHCP and DDNS	
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 function	Firmware upgrade	FTP, USB
	Back-up	Remote, USB
	Special features	Local PoE switch
	Mobile client	Mobile app for Apple [®] and Android [®] smartphones and tablets
Health check	Real-time system, network and PoE status monitoring	
System operation	IR remote controller (optional), USB mouse, PTZ control by keyboard (optional)	
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 (W x D x H)	16.53 x 15.75 x 3.46 inch (420 x 400 x 88 mm)	
Certification	CE, FCC, KCC, WEEE, RoHS	
Warranty	5 year limited	

Accessories (optional)



DW-VP19E
19" rack mount ears