VMAX ip PLUS™
Complete IP Video Solutions

3 Minute INSTALL

9CH 4×
9 Channels Total
4 Channels PoE

DW Witness™

PathFinder™

CCIP™ Encryption

30fps
Real-Time Monitoring

Auto Device Discovery

Dimensions
Unit: Inch (mm)

14.96" (380 mm)

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12.4" (315 mm)

2.02" (51.5 mm)

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
- 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
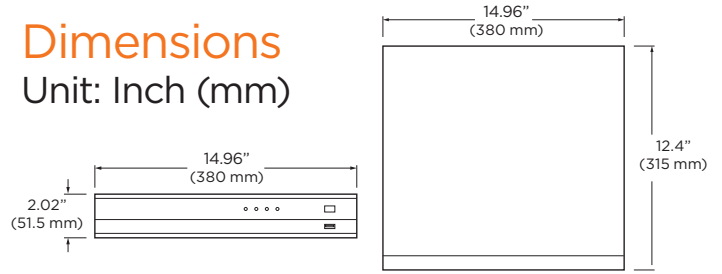- 5 year limited warranty

ONVIF

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®
	PoE type	1Gbps, 802.3at
Display	Speed	270fps
	Screen mode	1, 4 and 9
Video-out	Monitor	True HD and VGA
	Resolution	1024x768, 1280x720, 1280x1024, 1920x1080, 2560x1600, 3840×2160 (4K)
Recording speed		Up to 270fps up to 4K resolution
Maximum throughput		80 Mbps
Maximum HDD bay		2 x SATA HDD
Recording resolution		Dual-stream
Recording modes		Continuous, scheduled, sensor and motion detection
		Pre- and post-alarm recording, emergency recording, 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		1Ch output
Alarm input / relay output		4Ch inputs / 1Ch output
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® (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 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 Real-time temp alert Digital Zoom in live and playback
	Mobile client	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 × 315 × 51.5 mm), 1U
Certification		CE , FCC, KCC, WEEE, RoHS
Warranty		5 year limited

Available Models

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

Accessories (optional)

DW-VAP19RE
19" rack mount ears