

**DW-VP12xT8P**

**VMAX IP Plus<sup>™</sup> 8-channel PoE NVR with 4 virtual channels**



The VMAX<sup>®</sup> IP Plus<sup>™</sup> is an easy 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. Combine your VMAX IP Plus with DW Spot<sup>™</sup> Monitoring Modules for public view monitors. Each NVR can support up to 16 remote connections and share a maximum of 64 channels simultaneously. Available with 8 PoE ports (expandable to 12 cameras by adding an external PoE switch), the NVRs can record and manage single-sensor IP cameras up to 4K resolution with 80Mbps throughput. Recommended app: VMAX<sup>®</sup> Plus App To download the app, search 'DW<sup>®</sup>' or 'VMAX Plus' in the Google Play Market or Apple App Store or click any of the links below:

**Features**

- Complete installation, set up and camera configuration in under three minutes!
- CCIP<sup>™</sup> system encryption protects your surveillance system from out of network attacks
- Record and manage single-sensor IP cameras up to 4K (3840 2160), with 80Mbps maximum throughput
- Local power for up to 8 IP cameras via resident PoE switch
- DW Witness<sup>™</sup> turns a smartphone or tablet into an additional surveillance camera
- PathFinder<sup>™</sup> Peer-to-Peer (P2P) remote connection
- HTTPS encryption supported
- Automatic device discovery
- Control any ONVIF camera s set up and features remotely
- OTB-32TB storage options
- Snapshot Notify<sup>™</sup>: camera notifications sent to an email or CMS
- C3<sup>™</sup> CMS and event server software up to 144 Channels
- Event notifications via email, text and C3<sup>™</sup> 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
- 4 sensor input, 1 alarm relay output
- Transaction verification via TCP and USB-serial
- Email 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 email notification
- NVR calculation and auto-recording configuration
- Help menu on major functions
- Add public view monitors with Spot Monitoring Modules
- 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
- Note: ONVIF conformant fisheye cameras will be recognized in VMAX IP Plus NVRs, but image dewarping capabilities are not included.



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## Specifications

<b>Hardware</b>	
Display Modes	9, Sequence, 4, 12, 1
Display Speed	Up to 30fps per channel
Local Video Output Resolution	1280x1024, 1280x720, 1920x1080 (1080p), 1024x768, 3840 2160 (4K)
Local Video Outputs	1x VGA output, 1x True HD output
Max Supported Recording Resolution	4K (3840 2160)
PoE Type	100Mbps, 802.3at
Video Compression	H.264
OS on SSD	2x 240GB SSD (RAID1 mirrored)
Max throughput (Mbps)	80Mbps
Input channels	8 PoE channels, 12 Channels
<b>Storage</b>	
Raw internal storage options	No Local Storage (DW-VP12P), 006TB (DW-VP126T-8P), 012TB (DW-VP1212T-8P), 018TB (DW-VP1218T-8P), 032TB (DW-VP1232T8P), 004TB (DW-VP124T-8P), 008TB (DW-VP128T-8P), 016TB (DW-VP1216T-8P), 024TB (DW-VP1224T-8P), 003TB (DW-VP123T-8P)
HDD healthcheck	Temperature, S.M.A.R.T. with email notifications
Max HDD Bay	4 x SATA HDD
Maximum Storage	4TB (DW-VP124T-8P), 8TB (DW-VP128T-8P), 16TB (DW-VP1216T-8P), 24TB (DW-VP1224T-8P), 3TB (DW-VP123T-8P), 6TB (DW-VP126T-8P), 12TB (DW-VP1212T-8P), 18TB (DW-VP1218T-8P), 32TB (DW-VP1232T8P), No storage (DW-VP12P)
<b>VMS features</b>	
Alarm in/out	4 alarm outputs, 16 alarm outputs
Audio in/out	1 output, 1 input
Performance features	Watermark exported video, Quick Setup under 3 Minutes, Real-time temp alert, Import and export settings, Camera Color Control, CCIP, AVI file backup, Snapshot Notify™: Programmable interval camera image verification sent to an email, Digital Zoom in live and playback, Covert Channel, PoE built-in
Playback Functions	Event search, Smart motion search, Calendar, Thumbnail search, Timeline
Playback speed	x4, x16, x64, x2, x8, x32, x99, x1
Post-recording	0-5 minutes
Pre-recording	0-5 seconds
PTZ control	ONVIF, RS485
Recording Modes	Sensor, Pre- and post-alarm, Quick backup, Scheduled, Motion detection, Emergency, Continuous
Recording Resolution and Recording Rate	Up to 3840 2160 (4K): 480fps, Up to 3840 2160 (4K): 360fps, Up to 3840 2160 (4K): 270fps
System Operation	USB mouse (included), Graphical user interface (GUI), Joystick Controller (optional), Remote Control (optional)
<b>Network</b>	
Backup	Local backup via USB, Network backup via CMS
Ethernet Ports	1x 1G Ethernet (RJ45)
Firmware Upgrade	CMS over network, USB, FTP
Protocol	DHCP, RTSP, DDNS, uPNP, Static fixed IP
System recovery after power failure	Auto-reboot and journaling file system
Transaction verification	Text-in Based (USB to Serial support, TCP/IP Network)



## Specifications

Power Requirements	110-240V A/C
Total PoE Power Budget	150W
<b>General</b>	
Accessories	IR remote control (optional), Mouse
Operating Temperature and Humidity	20 - 90% RH, 41 - 104 F (5-40 C)
Rail kit	DW-VP16RE - 19" rackmount ears
Recorder Dimensions (H X W X D)	2.79 x 17.32 x 15.7 (71 x 440 397.8mm)
Serial ports	RS485
USB interface	Yes
Warranty	5 Year Limited Warranty
Certification	TAA Compliance, UL Listed, ONVIF Conformant
Form Factor	Embedded



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## Accessories (optional)




DW-KB100  
Keyboard



DWSP-VACREMOTE  
Remote control for VMAX  
recorders



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