



HD over Coax[™]



8 Channels
240 Total fps



PathFinder[™]

5MP
Up to 5MP
Recording

4K
Ultra HD
Output

5 YEAR
Limited Warranty

Summary

VMAX[®] A1 Plus[™] DVRs support HD-Analog and HD-TVI signals up to 5MP and CVBS up to 960H. The DVRs offer a seamless upgrade to HD resolution for new ROI from existing coaxial infrastructure. The VMAX[®] A1 Plus[™] can record 1080p video at real-time 30fps. Up the Coax (UTC) remote configuration is available with all compatible cameras. The 8-channel DVR is available with up to 10TB of storage.

Features

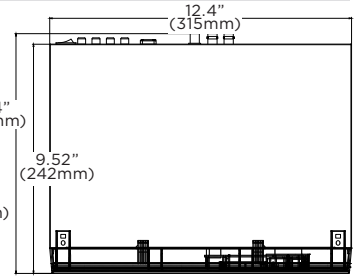
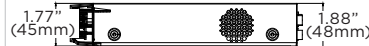
- Universal HD over Coax[®] DVR records HD-Analog and HD-TVI and all analog up to 960H signals
- Advanced H.264 Linux[®] embedded DVR
- 8-channels, real-time 30fps recording up to 5MP
- Up to 5MP recording resolution at 80fps
- myDW[®] Cloud Management Services
- PathFinder[™] Peer-to-Peer (P2P) remote connection
- C3[™] CMS and event server software up to 288Channels
- Event camera group recording
- Complete system analysis with real-time system and network status monitoring
- Mobile Application for iPhone[®], iPad[®], iPod[®], Android[®] Smart Phones and Tablets and Apple TV[®]
- Mac[®] compatible remote ACS software
- OSD and PTZ control via coax (UTC)
- Signal hybrid detects any camera at HD-Analog, HD-TVI and 960H automatically.
- Instant channel swap, no need to disconnect or reboot the DVR.
- Snapshot Notify[™]: programmable interval snapshot notifications
- 4K (3840 x 2160) True HD, VGA and Spot video outputs
- 2TB - 10TB storage options
- HDD calculation and auto-recording configuration
- Thumbnail search with hour and 5-minute previews
- 10-second jump buttons for playback and fast forward
- Event notifications via e-mail and C3[™] CMS and push notifications to mobile devices
- Multiplex - live, playback, recording, backup, network, configuration
- 4 audio input, 1 audio output
- 4 sensor input, 1 relay output
- Digital spot monitoring output at D1 resolution
- Simple and free DDNS service
- Push notifications via DW[®] VMAX[®] Plus[™] app
- Easy web-based client with multi-user access
- Help menu on major functions
- Auto and manual firmware upgrades
- 5 year limited warranty

Available Models

- DW-VA1P81T - 1TB, 4CH
- DW-VA1P82T - 2TB, 8CH
- DW-VA1P83T - 3TB, 8CH
- DW-VA1P84T - 4TB, 8CH
- DW-VA1P86T - 6TB, 8CH
- DW-VA1P88T - 8TB, 8CH
- DW-VA1P810T - 10TB, 8CH
- DW-VA1P8 - no local storage

Dimensions

Unit: Inch (mm)



Specifications

VIDEO	
Operating system	Embedded Linux [®]
System	channel: 8CH
Signals supported	Analog signal up to 960H, HD-Analog and HD-TVI up to 5MP
Monitor	True HD, VGA and Spot outputs
Framerate	240fps
Video-out	HDMI: 2560x1440, 3840x2160 (4K), 800x600, 1024x768, 1280x1024, 1920x1080
Resolution	VGA: 800x600, 1024x768, 1280x1024, 1920x1080
Spot: D1	
Screen mode	1, 4, 6 & 9
Audio	Input: 4 inputs
Output	1 output
Codec	ADPCM
Alarm	Alarm input: 4 inputs
Alarm output	1 output
Serial	1x RS485 for keyboard and PTZ control
User interface	Graphical user interface (GUI), IR remote control, USB mouse
PERFORMANCE	
Compression	H.264
Recording mode	Continuous, schedules, sensor-activated, motion detection, pre and post alarm, emergency, quick backup
Pre recording	0- 5sec
Post recording	0-5min
Recording	960x480/576 (960H): 240fps
1280x720 (HD): 240fps	
1920x1080 (HD): 240fps	
2560x1600 (4MP): 120fps	
2560x1944 (5MP): 80fps	
Recording resolutions	353 x 240, 720 x 480, 960 x 480, 1280x720, 1920x1080, 2560x1600, 2560x1440, 2560x1944
Playback	960x480/576 (960H): 240fps
1280x720 (HD): 240fps	
1920x1080 (HD): 240fps	
2560x1600 (4MP): 120fps	
2560x1944 (5MP): 80fps	
Playback resolution	1, 4, 9 & 16 Ch at 1080P (up to 4K 3840x2160)
Fast forward functions	x1, x2, x4, x8, x16, x32
Playback functions	Intelli-search by time bar, calendar (date and time), event search and thumbnail search
Storage	HDD interface: 1x SATA HDD
Max. internal storage	10TB
HDD interface type	SATA
HDD health check	Temperature, S.M.A.R.T. with e-mail notifications
Camera color control	Via UTC
Digital zoom	Live and playback
Software upgrade	USB flash drive, network upgrade, FTP remote upgrade
Mobile client	Mobile app for Apple [®] & Android [®] smart phones & tablets
Covert channel	Yes
Settings import/export	Import and export DVR settings
NETWORK	
LAN	Ethernet (1x gigabit)
Streaming	960x480/576 (960H): 240fps
Transmission speed live	1280x720 (HD): 240fps
1920x1080 (HD): 240fps	
2560x1600 (4MP): 120fps	
2560x1944 (5MP): 80fps	
Protocol	Fixed IP, DHCP, UPnP, 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
Network features	Dual stream, separate local recording and network transmission
Network bandwidth control (25 Kbps - 1000 Mbps)	
Time synchronization by NTP server ("pool.ntp.org")	
Remote & E-mail notification, remote system reboot by IE, remote PTZ control	
PathFinder [™] P2P service (auto port forwarding)	
Backup device	Local backup by USB and CMS over the network and FTP
System recovery after power failure	Auto-reboot and journaling file system
GENERAL	
Operating temperature and humidity	41°F - 104°F (5°C - 40°C), less than 80% (non-condensing)
Certification	CE & FCC & KCC & WEEE, RoHS
Power requirements	DC12V
Power consumption	39.6W, 3.3A
Dimension (W x D x H)	12.4" x 9.52" x 1.77" (315 x 242 x 45 mm) (1U)
Weight	2.86 lbs (1.3kg)
Warranty	5 year limited