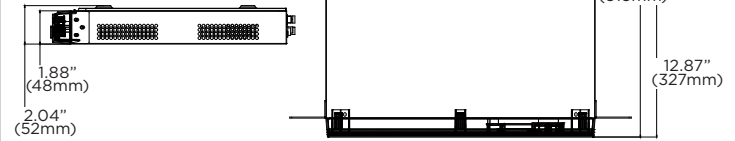




- 
 HD over Coax™
- 
 16CH
16 Channels
480 Total fps
- 
 PathFinder™
- 5MP**
Up to 5MP
Recording
- 4K**
Ultra HD
Output
- 5YEAR**
Limited Warranty

Dimensions

Unit: Inch (mm)



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 16-channel DVR is available with up to 20TB 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
- 16-channels, real-time 30fps recording up to 5MP
- Up to 5MP recording resolution at 160fps
- 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

Available Models

- DW-VA1P162T - 2TB, 16CH
- DW-VA1P1610T - 10TB, 16CH
- DW-VA1P163T - 3TB, 16CH
- DW-VA1P1612T - 12TB, 16CH
- DW-VA1P164T - 4TB, 16CH
- DW-VA1P1616T - 16TB, 16CH
- DW-VA1P166T - 6TB, 16CH
- DW-VA1P1620T - 20TB, 16CH
- DW-VA1P168T - 8TB, 16CH
- DW-VA1P16 - no local storage

Specifications

VIDEO			
Operating system	Embedded Linux®		
System	channel	16CH	
	Signals supported	Analog signal up to 960H, HD-Analog and HD-TVI up to 5MP	
Video-out	Monitor	True HD, VGA and Spot outputs	
	Framerate	480fps	
	Resolution	HDMI: 2560x1440, 3840x2160 (4K), 800x600, 1024x768, 1280x1024, 1920x1080 VGA: 800x600, 1024x768, 1280x1024, 1920x1080 Spot: D1	
	Screen mode	1, 4, 6, 9, 10, 13 & 16	
Audio	Input	4 inputs	
	Output	1 output	
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			
Recording	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 rate	960x480/576 (960H): 480fps 1280x720 (HD): 480fps 1920x1080 (HD): 480fps 2560x1600 (4MP): 240fps 2560x1944 (5MP): 160fps	
	Recording resolutions	354 x 240, 720 x 480, 960 x 480, 1280x720, 1920x1080, 2560x1600, 2560x1440, 2560x 1944	
	Playback	Playback rate	960x480/576 (960H): 480fps 1280x720 (HD): 480fps 1920x1080 (HD): 480fps 2560x1600 (4MP): 240fps 2560x1944 (5MP): 160fps
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	20TB	
	HDD health check	Temperature, S.M.A.R.T. with e-mail notifications	
Features	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 (1 x gigabit)		
	Streaming	Transmission speed live	960x480/576 (960H): 480fps
			1280x720 (HD): 480fps
			1920x1080 (HD): 480fps
2560x1600 (4MP): 240fps			
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		
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	60W, 5A		
Dimension (W x D x H)	15.15" x 12.4" x 1.88" (385 x 315 x 48 mm) (1U)		
Weight	4.4 lbs (2kg)		
Warranty	5 year limited		