VMAX® A1 Plus™

Universal HD over Coax™ DVRs

Universal HD over Coax® Digital Video Recorder
DW-VA1P4xT

HD over Coax™ | 4CH 120 fps: 4 Channels 120 Total fps | PathFinder™ | 5MP: Up to 5MP Recording | 4K: Ultra HD Output | 5YEAR: 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 4-channel DVR is available with up to 10TB of storage.

Features

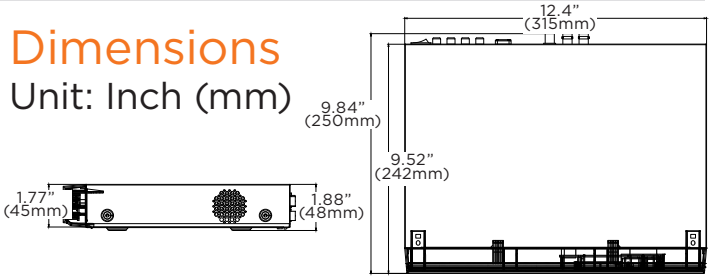
- Universal HD over Coax® DVR records HD-Analog and HD-TVI and all analog up to 960H signals
- Advanced H.264 Linux® embedded DVR
- 4-channels, real-time 30fps recording up to 5MP
- Up to 5MP recording resolution at 40fps
- myDW® Cloud Management Services
- PathFinder™ auto port forwarding
- C3™ CMS 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-VA1P41T – 1TB, 4CH
- DW-VA1P42T – 2TB, 4CH
- DW-VA1P43T – 3TB, 4CH
- DW-VA1P44T – 4TB, 4CH
- DW-VA1P46T – 6TB, 4CH
- DW-VA1P48T – 8TB, 4CH
- DW-VA1P410T – 10TB, 4CH
- DW-VA1P4 – no local storage

Dimensions

Unit: Inch (mm)



Specifications

VIDEO		
Operating system		Embedded Linux®
System	channel	4CH
	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	120fps
	Resolution	HDMI: 2560x1440, 3840×2160 (4K), 800x600, 1024x768, 1280x1024, 1920x1080 VGA: 800x600, 1024x768, 1280x1024, 1920x1080 Spot: D1
	Screen mode	1 & 4
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		
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): 120fps
		1280x720 (HD): 120fps
		1920x1080 (HD): 120fps
		2560x1600 (4MP): 60fps
		2560x1944 (5MP): 40fps
	Recording resolutions	352 x 240, 720 x 480, 960 x480, 1280x720, 1920x1080, 2560x1600, 2560x1440, 2560x 1944
Playback	Playback rate	960x480/576 (960H): 120fps
		1280x720 (HD): 120fps
		1920x1080 (HD): 120fps
		2560x1600 (4MP): 60fps
		2560x1944 (5MP): 40fps
	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
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): 120fps
		1280x720 (HD): 120fps
		1920x1080 (HD): 120fps
		2560x1600 (4MP): 60fps
		2560x1944 (5MP): 40fps
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		18W, 1.5A
Dimension (W x D x H)		12.4" x 9.52" x 1.77" (315 × 242 × 45 mm) (1U)
Weight		2.64 lbs (1.2kg)
Warranty		5 year limited

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