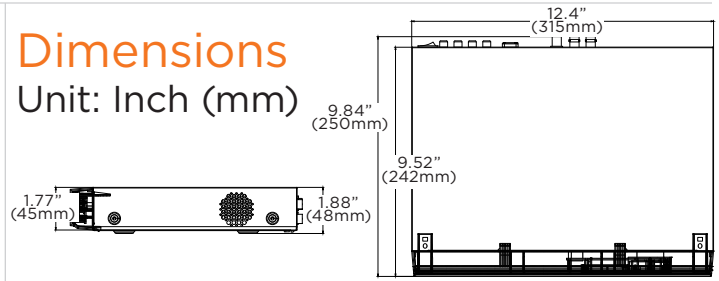




Dimensions

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 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
- 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-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

Specifications

VIDEO	
Operating system	Embedded Linux [®]
System	channel 4CH
Signals supported	Analog signal up to 960H, HD-Analog and HD-TVI up to 5MP
Monitor	True HD, VGA and Spot outputs
Framerate	120fps
Video-out	HDMI: 2560x1440, 3840x2160 (4K), 800x600, 1024x768, 1280x1024, 1920x1080
Resolution	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	
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): 120fps
	1280x720 (HD): 120fps
	1920x1080 (HD): 120fps
	2560x1600 (4MP): 60fps
	2560x1944 (5MP): 40fps
Recording rate	
Recording resolutions	352 x 240, 720 x 480, 960 x 480, 1280x720, 1920x1080, 2560x1600, 2560x1440, 2560x 1944
Playback	960x480/576 (960H): 120fps
	1280x720 (HD): 120fps
	1920x1080 (HD): 120fps
	2560x1600 (4MP): 60fps
	2560x1944 (5MP): 40fps
Playback rate	
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
Features	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): 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)
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 x 242 x 45 mm) (1U)
Weight	2.64 lbs (1.2kg)
Warranty	5 year limited

