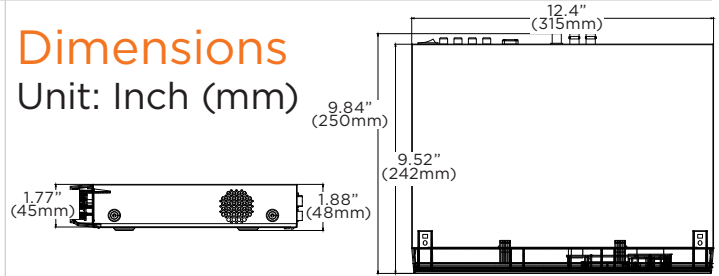


Dimensions

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 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 1080p
- Up to 5MP recording resolution at a total 80fps
- PathFinder[™] auto port forwarding
- C₃[™] CMS and event server software up to 144 channels
- 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 any output automatically.
- Instant channel swap, no need to disconnect or reboot the DVR.
- Snapshot Notify[™]: camera notifications sent to an e-mail or CMS
- 4K (3840 x 2160) True HD, VGA and Spot video outputs
- 1TB - 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, text 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[®] Mobile[™]
- 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

Specifications

VIDEO		Embedded Linux [®]	
System	Operating system	channel	
	channel	8CH	
Video-out	Signals supported	Analog signal up to 960H, HD-Analog and HD-TVI up to 5MP	
	Monitor	True HD, VGA and Spot outputs	
	Framerate	240fps	
Resolution	HDMI	2560x1440, 3840x2160 (4K), 800x600, 1024x768, 1280x1024, 1920x1080	
	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			
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):	240fps
		1280x720 (HD):	240fps
1920x1080 (HD):		240fps	
Recording resolutions	2560x1600 (4MP):	120fps	
	2560x1944 (5MP):	80fps	
	353 x 240, 720 x 480, 960 x 480, 1280x720, 1920x1080, 2560x1600, 2560x1440, 2560x 1944		
Playback	Playback rate	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		
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 (1x gigabit)		
	960x480/576 (960H): 240fps 1280x720 (HD): 240fps 1920x1080 (HD): 240fps 2560x1600 (4MP): 120fps 2560x1944 (5MP): 80fps		
Streaming	Transmission speed live	960x480/576 (960H): 240fps	
		1280x720 (HD): 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), C ₃ [™] (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	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		

