VMAX A1™
Universal HD over Coax

ALL in 1
Universal HD over Coax

UTC

DW-VAONE
16-L

| HD over Coax | 16 Channels, 480fps | PathFinder | CMS | Apple TV | 5 YEAR Limited Warranty |

Summary

The VMAX A1™ Digital Video Recorder supports all HD Analog formats and all analog to 960H via coaxial cables, offering a seamless upgrade to HD resolution. Up the Coax (UTC) remote configuration is available with all compatible cameras. The A1™ is available with up to 16TB of storage.
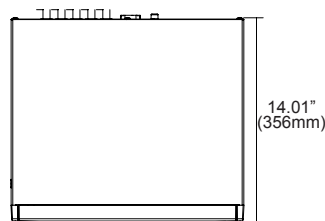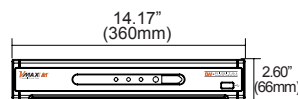
Features

- Universal HD DVR Records all HD Analog Formats and All Analog to 960H
- Real Time 30fps Recording up to 1080p
- Support up to 3MP HD Analog Cameras (Limited Support)
- Pivot™ Central Management Software up to 128 Channels
- Event Camera Group Recording
- Mobile Application for iPhone®, iPad®, iPod®, Android® Smart Phones and Tablets and Apple TV
- Mac® Compatible Remote ACS Software
- VMAX 2.0 Intuitive Graphical User Interface (GUI)
- OSD and PTZ Control via Coax (UTC)
- Signal Hybrid Detects Any Camera at Any Input Automatically.
- True HD 4K Output
- HDD Calculation and Auto Recording Configuration
- Event Notifications via Email, Text and Pivot™ CMS
- Advanced H.264 Embedded DVR
- Multiplex - Live, Playback, Recording, Backup, Network, Configuration
- USB 3.0
- 1 Audio Input, 1 Audio Output
- 4 Sensor Input, 1 Relay Output
- 16-Channel Looping Output via DW-VLOOP Module (Included)
- Digital Spot Monitoring Output at D1 resolution
- Simple & Free DDNS Service
- Easy Web-Based Client with Multi-User Access
- Help Menu on Major Functions
- Auto & Manual Firmware Upgrade Available
- 5 Year Limited Warranty

Available Models

- DW-VAONE162T-L - 2TB Internal Storage
- DW-VAONE163T-L - 3TB Internal Storage
- DW-VAONE164T-L - 4TB Internal Storage
- DW-VAONE166T-L - 6TB Internal Storage
- DW-VAONE168T-L - 8TB Internal Storage
- DW-VAONE1612T-L - 12TB Internal Storage
- DW-VAONE1616T-L - 16TB Internal Storage

Dimensions
unit: Inches (mm)

14.17" (360mm)

2.60" (66mm)

14.01" (356mm)

Specifications

VIDEO		
Video signals supported		Analog signal up to 960H, all HD Analog
Video input		16 channels
Video live	Frame rate	1-30fps
	Resolution	All HD Analog 720p, 1080p, and 3MP (limited support) cameras and all analog resolutions up to 960H
Video output		HD output (MAX resolution: 3840 x 2160@30 fps), spot output (D1 display resolution), VGA
Audio	Input	1 input
	Output	1 output
	Audio codec	PCM
Alarm	Sensor input	4 input
	Alarm out	1 output
Operating system		Embedded Linux®
Serial		Control I/O, 2x RS485 for keyboard and PTZ control
User interface	Menu display	Graphical user interface (GUI)
	Control methods	IR remote control, USB mouse
Screen display mode		1, 4, 9, 16 sequence
Screen resolution		3840 x 2160, 1920x1080P, 1280x1024, 1024x768

PERFORMANCE		
Recording	Compression	H.264
	Recording mode	Schedule, event, panic, continuous, pre & post event, motion, recording configuration per channel
	Pre recording	1-5 seconds
	Post recording	5-15 seconds
	Recording rate	Up to 480fps total at up to 1080p
		Up to 320fps total at 3MP
	Recording resolutions	All HD Analog 720p, 1080p, and 3MP (limited support) cameras and all analog resolutions up to 960H
Playback	Playback rate	Up to 480fps total at up to 1080p
		Up to 320fps total at 3MP
	Playback resolution	All HD Analog 720p, 1080p, and 3MP (limited support) cameras and all analog resolutions up to 960H
	Fast forward functions	x1/16, x1/8, x1/4, x1/2, x1, x2, x4, x8, x16, x32
	Playback functions	First data, last data, date/time, record table, calendar, bookmark, system log
Storage	HDD interface	2 HDD
	Max. internal HDDs	Up to 16TB
	HDD interface type	SATA-II, SATA-III
	HDD health check	Temperature, S.M.A.R.T. with e-mail notifications
Features	Camera color control	Brightness, contrast, saturation, hue
	Digital zoom	Yes (live & playback)
	Software upgrade	USB flash drive, network upgrade, FTP remote upgrade
	Mobile client	Mobile app for Apple® & Android® Smart Phones & tablets
	Covert channel	Yes (live & playback)

NETWORK		
Network connection		Ethernet (1 xGigabit 10/100/1000 Gpbs)
Maximum user connections		5 simultaneous connections
Streaming	Transmission speed live	Up to 480fps total at up to 1080p
		Up to 320fps total at 3MP
Protocols		Static, DDNS, DHCP, uPnP, RTSP
Access	Web viewer	Live, playback, & configuration up to 10 multiple connections
	Client monitoring software	Mac® (Apple® S/W), Pivot™ (CMS S/W)

GENERAL		
Operating temperature / humidity		41°F - 104°F (5°C - 40°C), less than 80% (non-condensing)
Electrical	Power requirement	12V DC
	Power consumption	60W, 5A
Dimensions		14.17 x 14.01 x 2.6 Inch (360 x 356 x 66 mm)
Weight		5.56lbs (2.52 kg)

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DW
Complete Surveillance Solutions™

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