



DW-VAONE 4



**1080p**



**4/8/16**

Total Resolution AHD Technology CMS Mobile Apps Email Notification 4, 8 and 16 Channel

## Summary

The VMAX A1™ is a digital video recorder that offers real-time HD monitoring and recording up to 480fps at 960H and 720p and 240fps at 1080p (1920x1080) resolution. The VMAX A1 supports analog signals up to 960H, TVI and Analog High Definition (AHD) signals, leveraging the robustness of analog signal infrastructure for a seamless upgrade to the detail and clarity of 1080p high definition resolution. The A1™ is available in 4-, 8- and 16-channel configurations, is available with up to 12 Terabytes of internal storage and is backed by Digital Watchdog's unbeatable 5 year limited warranty.

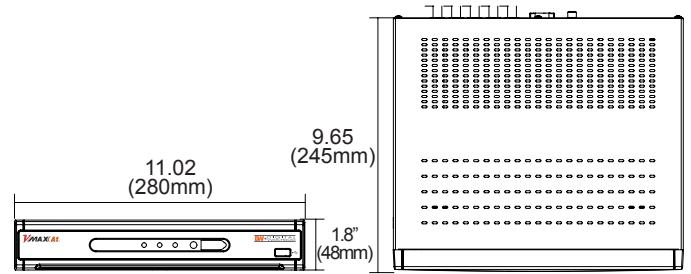
## Features

- Compatible with all Analog, TVI and AHD (1080p via Coax) Resolutions
- Pivot™ Central Management Software, Up to 128CH
- Mobile Application for iPhone, iPad, iPod, Android Smart Phones and Tablets
- MAC Compatible Remote ACS Software
- Intuitive Graphical User Interface (GUI)
- 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
- 120fps Recording at D1, 960H and 720p
- 60fps Recording at 1080p
- 1 Audio Input, 1 Audio Output
- 4 Sensor Input, 1 Relay Output
- Simple & Free DDNS Service
- Easy Web-Based Client with Multi-User Access
- Watermark Verification (Digital Signature Verification)
- Help Menu on Major Functions
- Auto & Manual Firmware Upgrade Available
- 5 Year Limited Warranty

## Available Models

- DW-VAONE 41T
- DW-VAONE 42T
- DW-VAONE 43T
- DW-VAONE 44T
- DW-VAONE 46T

Dimensions (unit : mm) **5** Year Limited Warranty



## Specifications

VIDEO		
Video Input		4 Channels
Video Signals Supported		Analog Signal up to 960H, AHD, TVI
Video Live	Frame Rate	1~30fps
	Resolution	1080p, 960x480, 960x240, 480x240
Video Output		HD Output
Audio	Input	1 Input
	Output	1 Output
	Audio Codec	PCM
Alarm	Sensor Input	4 Input
	Alarm Out	1 Output
Operating System		Embedded Linux
Serial		1xRS485 for PTZ Camera & Controller, 2xUSB 2.0
User Interface	Menu Display	Graphical User Interface (GUI)
	Control Methods	IR Remote Control, USB Mouse
Screen Display Mode		1, 4, Sequence
Screen Resolution		1920x1080P, 1280x1024, 1024x768
PERFORMANCE		
Recording	Compression	H.264
	Recording Mode	Schedule, Event, Time-Lapse, Panic, Continuous, Pre & Post Event, Motion, Recording Configuration per Channel
	Pre Recording	1~5 Seconds
	Post Recording	5~15 Seconds
	Recording Rate	120fps @ CIF, 480, D1, 960H, 720p 60fps @ 1080p AHD
	Recording Resolutions	All analog resolutions up to 960H, AHD 720p and 1080p
Playback	Playback Rate	Up to 30fps per Channel in Single-Channel View Mode Up to 15fps per Channel in Multi-Channel View Mode
	Playback Resolution	All analog resolutions up to 960H, AHD 720p and 1080p
	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	1 HDD
	Max. Internal HDDs	Up to 6TB (1HDD x 6TB)
	External Storage	USB Flash Drive, USB HDD, DVD
	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)
	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 x Gigabit 10/100/1000 Gbps)
Maximum User Connections		10 Simultaneous Connections
Streaming	Transmission Speed Live	120fps @ 960H, D1 and 720p 60fps @ 1080p
	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		5 ~ 40°C (41 ~ 104°F), Less than 80% (Non-Condensing)
Electrical	Power Requirement	12V DC
	Power Consumption	30.96W
Dimensions		11.02 x 9.65 x 1.89 inch(280 x 245 x 48mm)
Weight		5.42lbs(2.46 KG)

\*Specifications subject to change without notice.