



DW-VC 4



## Summary

The VMAX960H CORE™ is an advanced H.264 embedded digital video recorder that records real-time at 960H Resolution. This DVR offers the unparalleled image quality of the VMAX960H, at an affordable cost for small and mid-size applications. In addition, the DVR offers great features such as Free DDNS, One Touch Backup and Playback, True DVR Health Check with E-mail Notifications and is supported by our popular mobile application. The VMAX960H CORE™ is available with up to 4 Terabytes of storage.

## Features

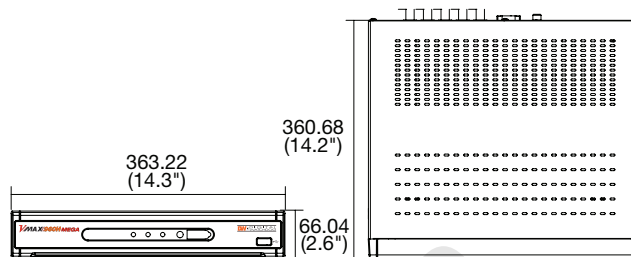
- 34% MORE Resolution with True 960x480 Display Recording
- Pivot™ Central Management Software, Up to 128CH
- Mobile Application for iPhone, iPad, iPod, Android Smart Phones and Tablets, and Kindle Fire
- MAC Compatible Remote ACS Software
- Intuitive Graphical User Interface (GUI)
- HDD Calculation and Auto Recording Configuration
- Event Notifications via Email, Text and Pivot™ CMS
- Advanced H.264 Embedded DVR
- Multiplex - Live, Playback, Recording, Backup, Network, Configuration
- Record 30 Frames per Second on Every Channel
- 1 Audio Input, 1 Audio Output
- 4 Sensor Input, 1 Relay Output
- Simple & Free DDNS Service
- Easy Web-Based Client with Multi-User Access
- Scheduled Network Backup
- Watermark Verification (Digital Signature Verification)
- Help Menu on Major Functions
- Auto & Manual Firmware Upgrade Available
- Import/Export Configuration Between Multiple DVRs
- USB Mouse, IR Remote Control, GUI

## Available Models

- DW-VC 161T
- DW-VC 162T
- DW-VC 163T
- DW-VC 164T

## Dimensions (unit : mm)

**5 YEAR LIMITED WARRANTY**



## Specifications

VIDEO		
Video Input		4 Channels
Video Live	Frame Rate	1~30fps
	Resolution	960x480, 960x240, 480x240
Video Output		HD Output, Composite, SPOT
Audio	Input	1 Input (Via Phone Jack)
	Output	1 Output (Via Phone Jack)
Audio Codec		PCM
Alarm	Sensor Input	4 Input
	Alarm Out	1 Output
Operating System		Embedded Linux
Serial		2xRS485 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 @ All Resolution (NTSC/PAL)
	Recording Resolutions	Full 960H Real-Time Recording, 30fps @ All Resolutions
Playback	Playback Rate	120fps @ All Resolution (NTSC/PAL)
	Playback Resolution	Full 960H Real-Time Playback, 30fps @ All Resolutions
	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 4TB (1HDD x 4TB)
	External Storage	USB Flash Drive, USB HDD, DVD
	HDD Interface Type	SATA-II, SATA-III
Features	HDD Health Check	Temperature, S.M.A.R.T. with E-mail Notifications
	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 x Megabit 10/100 Mbps)
Maximum User Connections		10 Simultaneous Connections
Streaming	Transmission Speed Live	120/100fps @ 960H and CIF (NTSC/PAL)
	Protocols	Static, DDNS, DHCP, uPnP, RTSP
Access	Web Viewer	Live, Playback, & Configuration up to 10 Multiple Connections
	Client Monitoring Software	ACS (Client S/W), MAC (Apple S/W), Pivot (CMS S/W)
GENERAL		
Operating Temperature / Humidity		5 ~ 40°C (41 ~ 104°F)
Operating Humidity		Less than 80% (Non-Condensing)
Electrical	Power Requirement	12V 3.33A D/C
	Power Consumption	30.96W
Dimensions		14.2 x 14.3 x 2.6 inch (360.68 x 363.22 x 66.04mm)
Weight		8.4 lbs (3.8 kg)

\*Specifications subject to change without notice.

**DW DIGITAL WATCHDOG®**  
Complete Surveillance Solutions