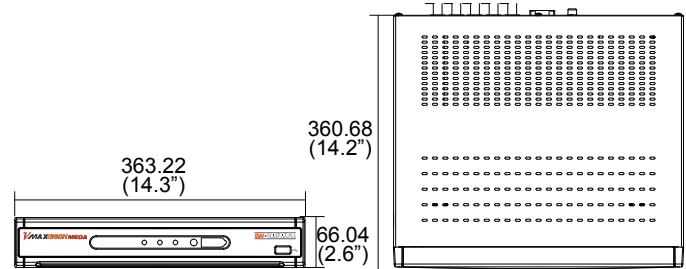




## Dimensions (unit : mm/ inch)



## 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 DVR is available with basic storage up to 4 Terabytes.

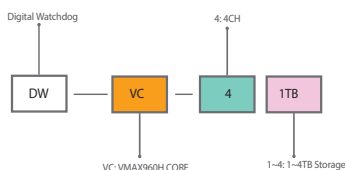
## Features

- Advanced H.264 Embedded DVR
- Multiplex - Live, Playback, Recording, Backup, Network, Configuration
- Record 30 Frames per Second on Every Channel
- One Touch Video Backup, Reverse Playback, & Emergency Recording
- Simple & Free DDNS Support
- Web-Based Client with Multi-User Access
- Scheduled Network Backup
- S.M.A.R.T Health Check with Email Notification
- HDD Calculation and Auto Recording Configuration
- Email & Text Event Notifications
- 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
- Central Management Software, Up to 128CH
- Mobile Application for iOS, Android and Kindle Devices
- MAC Compatible Remote Software

## Specifications

VIDEO		
Video Input	4 Channels	
Video Live	Framerate	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)
Alarm	Audio Codec	PCM
	Sensor Input	4 Input
	Alarm Out	1 Output
Operating System	Embedded Linux	
Serial	1xRS485 for PTZ Camera & Contriler, 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	1920 x 1080P, 1280 x 1024, 1024 x768	
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)
Playback	Recording Resolutions	Full 960H Real-Time Recording, 30fps @ All Resolutions
	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
Storage	HDD Interface	1 HDD
	Max. Internal HDDs	Up to 4TB (1HDD x4TB)
	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 & 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, & Config. 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	8.4lb (3.8kg)	

## Available Models



\*Specification is subject to change without prior notice.