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

Specifications

**VIDEO**
- Video Input: 4 Channels
- Video Live Frame Rate: 1~30fps
- Video Resolution: 960x480, 960x240, 480x240
- Video Output: HD Output, Composite, SPOT

**Audio**
- Audio Input: 1 Input (Via Phone Jack)
- Audio Output: 1 Output (Via Phone Jack)
- Audio Codec: PCM

**Alarm**
- 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)
- Playback Resolution: Full 960H Real-Time Recording, 30fps @ All Resolutions
- Fast Forward Functions: 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
- HDD Health Check: Temperature, S.M.A.R.T. with E-mail Notifications

**Software**
- Camera Control: Brightness, Contrast, Saturation, Hue
- 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
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**NETWORK**

- Network Connection: Ethernet (1 x Megabit 10/100 Mbps)
- Maximum User Connections: 10 Simultaneous Connections
- Streaming: 1200bps (Max) and CIF (NTSC/PAL)
- Protocols: Static DNS, DHCP, DDNS, FTP, HTTP
- 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: 5 ~ 40°C (41 ~ 104°F)
- Operating Humidity: Less than 80% (Non-Condensing)
- Electrical: Power Requirement: 12V, 3.33A D.C.
- Power Consumption: 40W
- 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.*