

# VMAXD1

Advanced H.264, Full D1 480fps Recorder

DW DIGITAL  
WATCHDOG  
Everything's Digital

*The Clearest Real-Time Picture in Recorded History*

*More of what you have come to expect from the VMAX family of products.*



- Real-Time Recording 480fps at D1
- Full HD (1080P) Output for Live & Playback Display
- HDMI, Composite, & VGA Support
- Hexaplex - Live, Playback, Recording, Backup, Network, Configuration
- NAS (Network Attached Storage) Backup
- Raid 1, 5 Available



## Summary

The VMAXD1 is a Linux embedded digital video recorder based on enhanced H.264 D1 resolutions. It offers real time live display and recording capabilities as high as 480fps and allows users to zoom-in on videos during live and playback. The VMAXD1 is available in 8 or 16 channel configurations with basic storage from 1 terabyte to 12 terabytes.

## Features

- Advanced H.264 Linux Embedded DVR
- Hexaplex - Live, Playback, Recording, Backup, Network, Configuration
- Full HD Output for Playback & Live Display
- 240fps at D1 for 8CH
- 480fps at D1 for 16CH
- HDMI, Composite, & VGA Support
- Looping Output
- Zoom-in Live & Playback
- Multi-Record Scheduling
- Pre- & Post-Event Recording
- 8 Sensor Input, 2 Sensor Output for 8CH
- 16 Sensor Input, 4 Sensor Output for 16CH
- Time Server Function
- NAS (Network Attached Storage) Backup
- Multi-User Access
- Network Bandwidth Control
- Watermark Verification (Digital Signature Verification)
- Go To, Multi-Date & Time, Panorama, Smart, Log Viewer Search
- Smart Web Viewer for Live, Playback, Backup, Configuration
- Mobile Viewer (Web-Browser Based)
- Raid 1,5: Rack Mount Available
- DVD-RW and USB 2.0 Built-in
- POS Support
- RS-485 and 4/8 RS-232C Built-in
- USB Mouse, IR Remote Control
- Up to 4 Internal HDD Supported, 6 without DVD-RW

## Available Model Numbers

### 8 Channel

- VMAXD1 81TB
- VMAXD1 82TB
- VMAXD1 84TB
- VMAXD1 86TB
- VMAXD1 88TB
- VMAXD1 810TB
- VMAXD1 812TB

### 16 Channel

- VMAXD1 161TB
- VMAXD1 162TB
- VMAXD1 164TB
- VMAXD1 166TB
- VMAXD1 1681TB
- VMAXD1 1610TB
- VMAXD1 1612TB

## Specifications

Model	VMAXD1 8	VMAXD1 16
Operating System	Linux	
Video	Compression Algorithm	H.264
	Input	8CH
	Resolution	Full D1, 2CIF, CIF
	Loop	8CH
	Output	1 HDMI, 1 VGA, 1 BNC
	Spot	1
Audio	Compression Algorithm	G.723
	Input	8 Each
	Output	1 RCA
Recording	Speed	Full D1, Real-Time
	Mode	Schedule, Watermark
	Event	Sensor, Motion, Audio, Text, PCD
	Bit Rate	32 Kbps ~ 8Mbps/Channel, Adjustable
Playback	Search	Go To First, Go To Last, Date & Time Calendar, Log Viewer, Smart, Multi-Date & Time
	Mode	Event, Forward & Backward, Pause, Frame by Frame, x1, x2, x4, x30
Backup	Interface	USB2.0, DVD, Network
	Format	Video Clip Viewer with JPEG Image
Alarm	Pre/Post-Alarm	5 sec / 5 min
	Motion Grid	32 x 24 (NTSC/PAL)
	Alarm Action	E-mail, Windows Popup, Buzzer, Spot, Remote CMS, Front LED
	Input / Output	8 Each / 2 Each
Display	HDMI	Full HD, HD, WSXGA, SXGA
	VGA	WSXGA, SXGA
	TV Out	SDTV (720 x 480/578)
	Mode	1, 4, 9, 16, Sequence, Full-Screen for Live 1, 4, 9, 16 for Playback
	Camera Adjust	Left, Right, Up, Down, Brightness, Contrast, Hue, Saturation
Interface	TV Adjust	Left, Right, Up, Down
	Network	Ethernet / 1000
	PTZ	RS485 Terminal Block
Storage	ATM / POS	4 RS232C Port
	Primary	Maximum 4 HDD, 6 HDD without DVD-RW
	External	USB, eSATA
	RAID	1, 5
Power	ODD	1 DVD or Change to HDD
	Supply	90 ~ 250V, 50/60 Hz
Physical	Consumption	80 W
	Operating Temperature	5 ~ 40 °C (41 ~ 104 °F)
	Humidity	10 ~ 80%
	Dimension	440 X 480 X 88 mm (17.3 X 18.9 X 3.5 in)
	Certification	CE, FCC, RoHS Compliance

(\*) Specification is subject to change without prior notice.

