



Summary

The VMAXD1 is a Linux embedded digital video recorder based on enhanced H.264 Full 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 VMAX D1 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 Search, Log Viewer Search
- Smart Web Viewer for Live, Playback, Backup, Configuration
- Mobile Application for Blackberry, iPhone, Android
- Raid 1,5: Rack Mount Available
- DVD-RW Built-in
- USB 2.0 Built-in
- POS Support
- RS-485 and 4/8 RS-232C Built-in
- USB Mouse, IR Remote Control
- Up to 6 Internal HDD Supported

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 168TB
- VMAXD1 1610TB
- VMAXD1 1612TB

Specifications

Model	VMAXD1 8	VMAXD1 16	
Operating System	Linux		
Video	Compression Algorithm	H.264	
	Input	8CH	16CH
	Resolution	Full D1, 2CIF, CIF	
	Loop	8CH	16CH
	Output	1 HDMI, 1 VGA, 1 BNC	
	Spot	1	4
Audio	Compression Algorithm	G.723	
	Input	8 Each	16 Each
Audio	Output	1 RCA	
	Speed	Full D1, Real-Time	
Recording	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	16 Each / 4 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	8 RS232C Port
	Primary	Maximum 6 HDD	
	External	USB, eSATA	
	RAID	1, 5	
Power	ODD	1 DVD or Change to HDD	
	Supply	90 ~ 250V, 50/60 Hz	
	Consumption	80 W	
Physical	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.

