



Summary

The VMAX480 is an upgrade of the advanced H.264 Linux Embedded digital video recorder VMAX. This DVR has all the features of VMAX plus more. With double the speed of VMAX, VMAX480 also features HDMI and VGA Support, DVD-RW Built-In, Looping Output, Mobile Device Quad View, and PTZ Control. The VMAX480 is available in 8 or 16 channel configurations with basic storage from 500 gigabytes to 4 terabytes.

Features

- Advanced H.264 Linux Embedded DVR
- Multiplex—Live, Playback, Recording, Backup, Network
- 120fps @ D1, Total 480fps @ CIF for 8/16Ch
- HDMI/VGA Output Simultaneously
- Text or Email Event Notifications with Snapshots
- One Touch Video Backup
- One Touch Reverse Playback
- DVD-RW Built-In
- Looping Output (Optional)
- Mobile Device Quad View and PTZ Control
- Scheduled Network Backup
- Covert Channel
- Call Monitor
- Web-Based Client w/ Multi-User Access
- Automatic Private IP Addressing
- Simple & Free DDNS Support
- NTP (Network Time Protocol)
- Digital Signature Verification
- Network Bandwidth Control
- DVR Health Check w/ E-mail Notification
- DVR Calculation and Auto Recording Configuration
- Help Menu on Major Function
- Configuration Import/Export
- Auto or Manual Firmware Upgrade Available
- Screen Saver to Protect Monitor Screen
- 8/16 Sensor Input, 1 Sensor Output
- Central Management Software up to 128 Ch
- Support 3G Phone; Free App for Blackberry, iPhone, Android
- Mac Compatible Remote Software
- USB Mouse, IR Remote Control GUI
- Optional External USB DVD-RW or HDD Available for Backup
- 5 Year Limited Warranty

Model Numbers

Without DVR-RW

- | | |
|-------------------|--------------------|
| 8 Channel | 16 Channel |
| • DW-VMAX480 8500 | • DW-VMAX480 16500 |
| • DW-VMAX480 81T | • DW-VMAX480 161T |
| • DW-VMAX480 82T | • DW-VMAX480 162T |
| • DW-VMAX480 83T | • DW-VMAX480 163T |
| • DW-VMAX480 84T | • DW-VMAX480 164T |

With DVR-RW

- | | |
|--------------------|---------------------|
| 8 Channel | 16 Channel |
| • DW-VMAX480D 8500 | • DW-VMAX480D 16500 |
| • DW-VMAX480D 81T | • DW-VMAX480D 161T |
| • DW-VMAX480D 82T | • DW-VMAX480D 162T |
| • DW-VMAX480D 83T | • DW-VMAX480D 163T |
| • DW-VMAX480D 84T | • DW-VMAX480D 164T |

Accessories

- DW-VR19E : 19" Rack Mountable Ears
- DW-VLOOP : Looping Output Cable Set

Specifications

Model	VMAX480	
Operating System		Linux
Compression Algorithm		H.264
Video	Input	8/16 Channel
	Resolution	D1, 2CIF, CIF
	Mode	NTSC/PAL Auto Detection
	Display Speed (NTSC/PAL)	8Ch: 240/200fps 16Ch: 480/400fps
	Monitor	2 Main Monitors (Composite, VGA, or HDMI); 1 Spot Monitor (Composite)
Audio	Compression Algorithm	G723.1
	Input	4 Each
	Output	1 Each
	MIC Input	1 Each
Recording	Speed at CIF	8Ch: 240/200fps 16Ch: 480/400fps
	Speed at 2CIF	240/200fps at All Channels
	Speed at D1	120/100fps at All Channels
	Mode	Continuous, Alarm, Motion, Event Recording, Pre-Post Alarm, Panic Recording
Playback	Speed	x1, x2, x4, x8, x16, x32
	Mode	Time Search, Calendar Search, Event Search
	Function	8Ch: 1,4,9Ch 16Ch: 1,4,9,16Ch (Multi-Channel Playback)
IO Control	Alarm Input/ Relay Output	8, 16 Each / 1 Each Relay / 1 Each TTL
	RS485 Port	1 for PTZ Camera; 1 for Keyboard Controller
	PTZ Control	Virtual Joystick Control On-Screen by Mouse
Network	LAN	10/100 Base-Tx Ethernet (RJ45) - Fixed IP, DHCP, DDNS, Auto IP, and UPnP Support
	Application	Live Monitoring, Remote Playback, File Backup
	Mobile Device Support	Support iPhone, Blackberry, Android, 3G Mobile Mobile Notification on Alarm for iPhone
Remote Management	Software	Client SW, CMS (128Ch), MAC Compatible
	Web	Live Monitoring, Playback, System Configuration
Backup	Internal	Built-In DVD (DW-VMAX480D Models Only)
	External	USB Backup and Network Backup
Power	AC/DC Adapter	12V x 6.67 A D/C
	System Operation	Front Button, IR Remote Controller, USB Mouse
Physical	Storage Temperature & Humidity	-20~60°C / 20~95% RH
	Operating Temperature & Humidity	5~40°C / 20~80% RH
	Certification	CE, FCC, MIC, WEEE, RoHS

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

