



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.

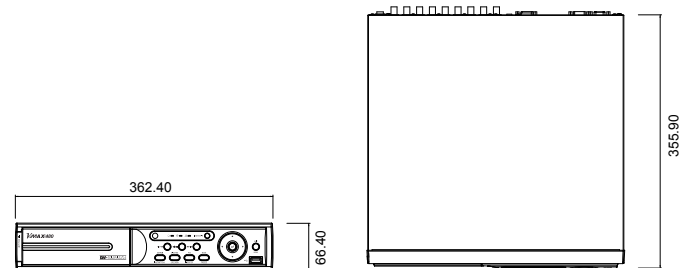
Accessories

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

Features

- Advanced H.264 Linux Embedded DVR
- Multiplex—Live, Playback, Recording, Backup, Network
- 120fps @ D1, Total 480fps @ CIF for 8/16Ch
- HD/ VGA Simultaneous Output
- Text o 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

Dimensions (mm)



Model Numbers

With DVR-RW

8 Channel

- DW-VMAX480D 8500
- DW-VMAX480D 81T
- DW-VMAX480D 82T
- DW-VMAX480D 83T
- DW-VMAX480D 84T

16 Channel

- DW-VMAX480D 16500
- DW-VMAX480D 161T
- DW-VMAX480D 162T
- DW-VMAX480D 163T
- DW-VMAX480D 164T

Specifications

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

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

