V MAX

● **Value Max**   ● **Maximum Value**   ● **Maximum Performance**

- **Real-time Viewing and Recording**
- **Advanced H.264 DVR**
- **Automatic Network Enrollment**
- **Plug – n – Play Network**
- **Call Monitor**

5 Year Limited Warranty
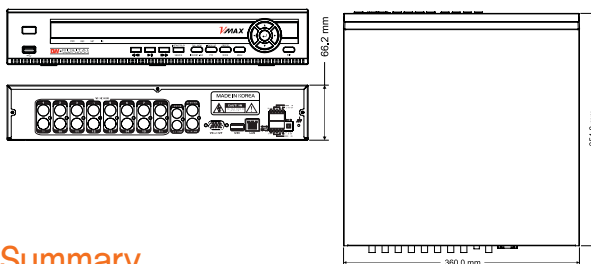
| i-Phone | Blackberry | 3G Smart phone | MAC Compatible |

V MAX

- Auto or Manual Firmware Upgrade Available
- 4 Sensor Input, 1 Sensor Output
- Screen Saver to Protect Monitor Screen
- Central Management Software up to 128ch
- Support Blackberry, i-Phone and 3G Phone
- Mac Compatible Remote Software
- USB Mouse, IR Remote Control GUI
- Optional External USB DVD RW or HDD Available for Back-up
- Up to 2 Internal HDD Supported (8 and 16ch)
- 5 Year Limited Warranty

Dimensions (Unit : mm)

66.2 mm

354.8 mm

360.0 mm

Summary

The VMAX is the most advanced H.264 embedded digital video recorder ever created. Full D1 (720X480), 2CIF, CIF the highest possible digital recording quality across multiple channels, up to 60fps@ D1 and up to 240fps@ CIF. View and control cameras, alarm inputs, graphic mapping, and status of 128 devices simultaneously through our complimentary CMS software platform. The VMAX is available in 4, 8 or 16 channel configurations with basic storage from 500GB expandable up to 4 terabytes.

Available Model Numbers

4 Channel	8 Channel	16 Channel
DW-VMAX 4500G	DW-VMAX 8500G	DW-VMAX 16500G
DW-VMAX 41T	DW-VMAX 81T	DW-VMAX 161T
DW-VMAX 42T	DW-VMAX 82T	DW-VMAX 162T
	DW-VMAX 83T	DW-VMAX 163T
	DW-VMAX 84T	DW-VMAX 164T

Specifications

MODEL		VMAX4	VMAX8	VMAX16
Compression Algorithm		Video : H.264, Audio : G723.1	Video : H.264, Audio : G723.1	
Video	Input	4 Ch	8 Ch	16 Ch
Display Speed (NTSC/ PAL)		120/100 fps	240/200 fps	480/400 fps
Screen Split		1, 4 & PIP	1, 4, 9 & PIP	1, 4, 9, 16 & PIP
Video-Out	Monitor	1 composite & 1 VGA, 1 Spot monitor output		
	VGA Resolution	640x480, 800x600, 1024x768 & 1280x1024 (Selectable)		
Recording Speed (NTSC/PAL)	352x240/288 (CIF)	120/200 fps	240/200 fps	240/200 fps
	720x240/288	120/100 fps	120/100 fps	120/100 fps
	720x480/576	60/50 fps	60/50 fps	60/50 fps
Recording Resolution		NTSC : 352x240, 720x240, 720x480		
Recording Modes		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording		
		Pre & Post Alarm Recording, Panic Recording		
Playback & Search	Speed	x1, x2, x4, x8, x16, x32	x1, x2, x4, x8, x16, x32	
	Function	1, 4 Ch (Multi-Channel Playback)	1, 4, 9 Ch (Multi-Channel Playback)	1, 4, 9, 16 Ch (Multi-Channel Playback)
		Time Bar , Calendar search, Event Search		
Audio Input / Output		1ea Input / 1ea Output	1ea Input / 1ea Output	
Alarm Input / Relay Output		4ea / 1ea	4ea / 1ea	
P/T/Z Control and Port		Virtual Joy-Stick Control on screen by mouse		
		Pan/Tilt/Zoom/Focus/Iris, RS-485 Port		
LAN		10/100 Base-Tx Ethernet (RJ45) – Fixed IP, DHCP & DDNS		
Network Transmission	Function	Network Transmission : 240ips@CIF		
		Video Dual-Stream (Local recording & Network Transmission)		
		Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote)		
		Remote & E-Mail Notification, Remote System Reboot by IE		
Mobile Device support		iphone, Blackberry, 3G mobile		
Remote Management	Software	Client S/W & CMS		
	Web (IE)	Live Monitoring, Playback & System Configuration		
Back up	External	Local Backup by USB Memory Stick and Network Backup by CMS		
Advanced Functions		Multi-Language, System Upgrade by USB & Network		
		Configuration Import & Export, Water-Mark, AVI File Backup		
		Warning Alarm for System Over-Temperature		
System Operation		Front Button, IR Remote Controller, USB Mouse		
Power		12V x 3A D/C Adaptor	12V x 5A D/C Adaptor	
Storage Temperature and Humidity		-20~60 ℃ / 20~95% RH		
Dimension and Weight		270mx215mx71m	360mx380mx66m	
Operating Temperature and Humidity		5~40 ℃ / 20~80% RH		
Certification		CE & FCC & MIC & WEEE, RoHS		

(*) Specification is subject to change without prior notice

Features

- Advanced H.264 Linux Embedded DVR
- Pentaplex–Live, Playback, Recording, Back-up, Network
- 60fp@D1, 240fps@ CIF, 8, 16ch Video/1ch Audio
- 60fp@D1, 120fps@ CIF, 4 Video/1ch Audio
- E-mail Event Notifications
- One Touch Video Back-up
- One Touch Reverse Playback
- 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)
- Watermark Images (Digital Signature Verification)
- Network Bandwidth Control
- DVR Health Check w/Email Notification
- DVR Calculation and Auto Recording Configuration
- Help Menu on Major Function
- Auto Disk Info Recovery
- Configuration Import/Export