

VMAX HD

Maximum Resolution, Maximum Performance

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



Main Features

- 4 CH Video / 4 CH Audio
- HD 1080P (1920X1080), 120fps
- HDMI & VGA Support
- Digital Zoom to Selectable Area
- USB, IR Remote Control
- Live, Playback, Recording, Backup, Network



iPhone



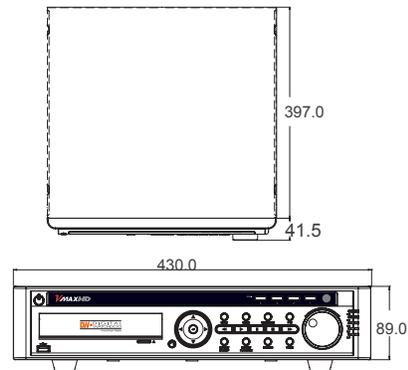
Blackberry



Android



Dimensions (unit : mm)



Summary

The VMAXHD is a digital video recorder that offers real-time recording 1080p (1920X1080) at 60fps. The VMAXHD allows customers to use existing coaxial cable infrastructure while providing an unparalleled image quality. In addition, the VMAXHD is uniquely designed to offer remote controlling of any Digital Watchdog HD-SDI cameras' OSD menu. For complete camera configuration from the DVR. The VMAXHD is available in 4 channels and comes equipped with up to 8 Terabytes of memory.

Features

- Remote OSD Control of DW's HD-SDI Cameras
- Multiplex- Live, Record, Playback, Backup, Network
- Advanced H.264 Linux Embedded DVR
- HD 1080p (1920X1080) @ 60fps, 720p (1080X720) @ 120fps
- 4CH Video & 4CH Audio
- HDMI & VGA Support
- 4 Sensor Input, 1 Sensor Output
- Digital Zoom to Selectable Areas
- Covert Channel
- Web-Based Client with Multi-User Access
- Simple & Free DDNS
- Network Time Protocol
- Watermark Verification (Digital Signature Verification)
- DVR Health Check with Email Notification
- DVR Calculation and Auto Recording Configuration
- Help Menu on Major Functions
- RS-485 Built-in
- Remote Operation & Configuration
- USB Mouse & IR Remote Controller Included
- Up to 4 Internal HDD Supported
- 5 Year Limited Warranty

Available Models

- DW-VMAXHD 41TB
- DW-VMAXHD 42TB
- DW-VMAXHD 44TB
- DW-VMAXHD 46TB
- DW-VMAXHD 48TB

Specifications

VIDEO		
Video Input		4CH HD-SDI
Video Live	Framerate	1-30fps
	Resolution	1280X720/ 640X360/ 1920X1080/ 1920X540
Video Output		HDMI , VGA, CVBS
Audio Output	Input	4CH Line Input
	Output	1CH Line Output
Alarm	Audio Codec	G.711
	Sensor Input	4CH Input, NO/NC
	Alarm Out	1CH Output, activated by Motion Detection or Video Loss
Operating System		Linux Embedded
Serial		2 RS-485 Connectors for PTZ & Controller
User Interface	Menu Display	Graphic User Interface
	Control Methods	Front Panel Buttons, USB Mouse, IR Controller, Joystick Controllers
Screen Display		1/4 Sequence (3-60 Seconds)
Performance		
Recording	Compression	H.264
	Recording Rate	Up to 60fps @ 1920X1080/ Up to 120fps @ 1080X720
	Recording Mode	Continuous, Schedule, Motion, Sensor, Manual
	Pre Recording	15 Seconds ~ 20 Minutes
Playback	Post Recording	10-60 Seconds
	Fast Forward Functions	X1/4, X1/2, X2, X4, X8, X16, X32, Frame-by-Frame
	Rewind Functions	X2, X4, X8, X16, X32, Frame-by-Frame
	Search Modes	Calendar/ Date & Time/ First & Last Data/ System Log/ Event Log
Backup	File Format	JPEG/ Proprietary Format
	Backup Options	USB/ External HDD/ Network
	Built-in Viewer	Yes
Storage	HDD Interface	SATA, e-SATA
	Max. Capacity	2 Terabytes
	Max. Internal HDDs	4 HDDs
	External Storage	1 e-SATA for RAID
Features	File System	Self-Developed, Reliable and Stable File System
	Digital Zoom	Digital Zoom in Live and Playback to Selectable Areas
	DST (Daylight Saving Time)	Yes
	Software Upgrade	Local Upgrade by USB and Remote Network Upgrade
Network	Watermarking	Yes
	3G Mobile	Mobile Application for Apple & Android Smart Phones & Tablets
	Network Connection	RJ-45, 10/100/1000 Base-T, Auto MDI-MDIX
Streaming	Transmission Speed Live	1280X720@ 120fps, 640X360@ 100fps
	Transmission Speed Playback	H.264 @ 120/ 100fps
Access	Protocols	HTTP, DDNS, NTP, SMTP
	Web Viewer	Live, Search/ Playback, Backup, PTZ Control, Remote Setup & Upgrade
General	Remote Monitoring Software	Remote Setup & Upgrade
	Operating Temperature/ Humidity	0°C ~ 40°C (32°F ~ 104°F)
Electrical	Power Requirement	AC 100-120V
Dimensions	Power Consumption	AC 100-120V
	Dimensions	17" X 16.92" X 3.86" (432 X 430 X 98mm)
Weight		14.6 lbs (6.6 kg)

*Specification is subject to change without prior notice.