DW DIGITAL WATCHDOG

DW HD-SDI

V MAX HD Flex

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 with PIP View
- HD 1080P (1920X1080), 60fps/ 720P (1280X720), 120fps
- Simultaneous HDMI & VGA Support
- 8x Digital Zoom in Live and Playback
- 4 Sensor Input, 2 Sensor Output
- Locla Playback from USB Device
- Remote Access to other VMAXHD Flex DVRs
- POS, Text-in Support via RS485 / RS232
- Event Callback to Remote Client and E-mail Notifications
- Emergency Recording
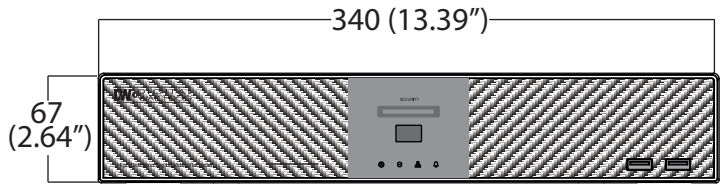- Clip Backup for Single Cameras in MP4 Format

iPhone   Android

VMAXHD Flex High Definition HD-SDI DVR

5 Year warranty

Dimensions (unit : mm)

340 (13.39")

67 (2.64")

Summary

The VMAXHD Flex 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 Flex offers a clean front panel design with no buttons for an affordable solution. The VMAXHD is available in 4 channels and comes equipped with 1, 2, 3, or 6 Terabytes of storage.

Features

• Full HD 1080p (1920X1080) @ 60fps, 720P (1280x720) @ 120fps

• Multiplex- Live, Record, Playback, Backup, Network

• Advanced H.264 Linux Embedded DVR

• 2 Spot Analog Monitor Support

• 4CH Video & 4CH Audio

• Simultaneous HDMI & VGA Outputs

• 4 Sensor Input, 2 Sensor Output

• 8x Digital Zoom in Live and Playback

• Covert Channel per User with Designated Schedules

• Simple & Free DDNS

• Watermark Verification (Digital Signature Verification)

• Email Notification & Event Callback to Remote Client

• DVR Calculation and Auto Recording Configuration

• Picture in Picture View (PIP)

• Emergency Recording

• Clip Backup for Single Camera with MP4 Format

• Remote Live and Playback Access to other VMAXHD Flex DVR

• USB Mouse & IR Remote Controller Included

• Up to 2 Internal HDD Supported

• 5 Year Limited Warranty

Specifications

VIDEO		
Video Input		4CH HD-SDI
Video Live	Framerate	1~30fps
	Resolution	1920x1080/ 1280x1024/ 1280x720/ 1024x768/ 720x576/ 720x480
Video Output		HDMI , VGA, CVBS (Spot Video)
Audio	Input	4CH Line Input
	Output	1CH Line Output
Alarm	Sensor Input	4TTL Input, NO/NC (3 + Emergency)
	Alarm Out	2TTL Output
Operating System		Linux Embedded
Serial		1x RS-485, 1X RS-232, 2x USB Ports
User Interface	Menu Display	Graphic User Interface
	Control Methods	USB Mouse, IR Controller, Joystick Controllers
Screen Display		1/ 4/ PIP/ Sequence (1 Sec ~ 1 Min with event popup)
Performance		
Recording	Compression	H.264
	Recording Rate	60fps at 1080P (1920x1080), 120fps at 720P (1280x720)
	Recording Mode	Continuous, Schedule, Motion, Sensor, Emergency
	Pre Recording	5~30 Seconds
Playback	Fast Forward Functions	x2, x4, x8, x16, x32, Frame-by-Frame
	Rewind Functions	x2, x4, x8, x16, x32, Frame-by-Frame
	Search Modes	Calendar/ Date & Time/ Event Log
Bakcup	File Format	Proprietary Format / MP4 / EXE Format
	Backup Options	USB/ External HDD/ Network
	Built-in Viewer	Yes
Storage	HDD Interface	SATA
	Max. Capacity	6 Terabytes
	Max. Internal HDDs	2 HDD or SSD
Features	Digital Zoom	Digital Zoom in Live and Playback to Selectable Areas
	DST (Daylight Saving Time)	Yes
	Software Upgrade	Local Upgrade by USB, Remote Upgrade by Remote S/W
	Watermarking	Yes
	3G Mobile	Mobile Application for Apple & Android Smart Phones & Tablets
Network		
Network Connection		RJ-45, 10/100/1000 Base-T
Streaming	Transmission Speed Live	CIF, D1, 720P, 1080P with Bandwidth Control
	Transmission Speed Playback	H.264 @ 60fps
	Protocols	HTTP, DDNS, NTP, SMTP
Access	Web Viewer	Live, Search/ Playback, PTZ Control,
	Remote Monitoring Software	Remote Setup & Upgrade
General		
Operating Temperature/ Humidity		5°C ~ 40°C (41°F ~ 104°F)
Operating Humidity		Less than 80% (Non-Condensing)
Electrical	Power Consumption	DC 12V: 80W, 6.67A
Dimensions		13.39" X 2.64" X 10.43" (340 x 67 x 265 mm)
Weight		4.4 lbs (2 kg) Without HDD

*Specification is subject to change without prior notice.

Available Models

Digital Watchdog

4: 4CH

| DW | — | VFHD | — | 4 | 1TB |

VFHD: VMAXHD Flex

1 ~ 6 : 1 ~ 6 TB

DIGITAL WATCHDOG Everything's Digital