



14X(960H

MAXIMUM PERFORMANCE

34% HIGHER RESOLUTION THAN



960H — HORIZONTAL PIXELS SEEING IS BELIEVING

- 480fps @ 960H Resolution
- True HDMI 1080p Output
- Free & Simple DDNS
- Face Stamp Employee Management

- E-mail & Text JPEG Notification
- RAID 0, 1, 10
- Built-in DVD-RW
- 5x Signal Extender

COMPATIBLE WITH















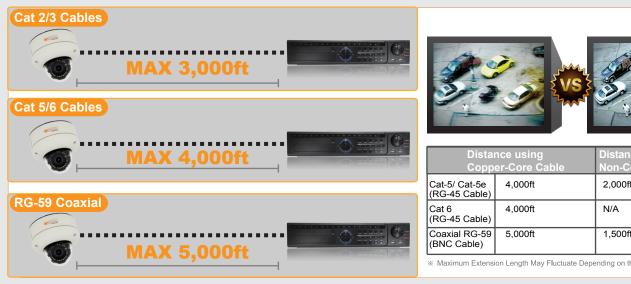








Reduces digital noise and amplifies image quality over UTP (i.e. Cat 5, 6, etc.) or Coax (RG-59) cables with no repeaters or special installation. This technology was designed to optimize operation and eliminate the loss of high frequency detail/blurring.





Distance using Copper-Core Cable		Distance Using Non-Copper-Core Cable
Cat-5/ Cat-5e (RG-45 Cable)	4,000ft	2,000ft
Cat 6 (RG-45 Cable)	4,000ft	N/A
Coaxial RG-59 (BNC Cable)	5,000ft	1,500ft

^{*} Maximum Extension Length May Fluctuate Depending on the Quality of the Cable.

FaceStamp

Complete control and visibility over employee management and fraud prevention.



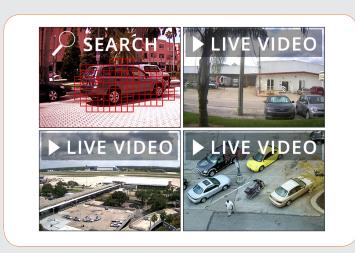
E-mail & Text JPEG Notification

A convenient tool that keeps track of the HDD's vital stats and notifies you of any abnormalities.



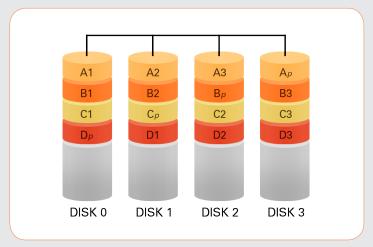
Single Channel Search

Allows for a single channel to perform search functions without interrupting live playback for other channels.



RAID [REDUNDANT ARRAY OF INDEPENDENT DISKS]

Creates an added layer of security through automated data backup. RAID 0, 1, 10 available.



WAX(960H 480@ 960H Real Time Recording





Dimensions (unit: mm)

430mm (18.89in)

88mm
(3.46in)

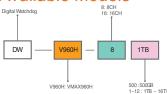
Summary

The VMAX960H is an advanced H.264 Stand Alone digital video recorder that records 480fps, Real-Time at 960H, D1, 2CIF, and CIF. All the great features, such as Panoramic Search, Single Channel Search in Playback, Single Touch Backup and Event management, can be controlled with the front panel, included USB mouse, or IR remote control. And with our special Image Enhancer, you can add the convenience of controlling cameras installed up to 6,000ft from the DVR, without losing clarity or quality. The DVR is available with basic storage from 1 to 16 terabytes.

Features

- Advanced H.264 Stand Alone DVR
- Multiplex Live, Playback, Recording, Backup, Network, Configuration
- Record 30 Frames per Second on Every Channel
- One Touch Video Backup, Reverse Playback, & Emergency Recording
- Simple & Free DDNS Support
- Mirroring (RAID 0,1,10)
- Web-Based Client with Multi-User Access
- Scheduled Network Backup
- 8/16 Channels Looping Output
- S.M.A.R.T HDD Health Check with Email Notifications
- HDD Calculation and Auto Recording Configuration
- 16 Audio Input, 2 Audio Output
- 16 Sensor Input, 4 Relay Output
- Email & Text Event Notifications
- Watermark Verification (Digital Signature Verification)
- Help Menu on Major Functions
- Auto & Manual Firmware Upgrade Available
- USB Mouse, IR Remote Control, GUI
- Central Management Software, Up to 128CH
- Mobile Application for iPhone, iPad, iPod, Android Smart Phones and Tablets, and Kindle Fire
- MAC Compatible Remote Software

Available Models



Specifications

VIDEO			
Video Input		8/16 Channels	
Video Live	Framerate	1~30fps	
	Resolution	960H, D1, 2CIF, CIF	
Video Outpu		HDMI, Composite, VGA, SPOT	
Loop Output		8/16 Channels Looping Output	
Audio	Input	8/16 Input	
	Output	2 Output	
	Audio Codec	ADPCM	
Alarm	Sensor Input	8/16 Input	
	Alarm Out	4 Ouput	
Operating Sy	vstem	Embedded Linux	
Serial		1xRS232, 2xRS485 for PTZ Camera & Contrller, 2xUSB 2.0	
User Interface		Graphical Uuser Interface (GUI)	
D: 1	Control Methods	IR Remote Control, USB Mouse, Front Panel Buttons	
Screen Displ		16CH: 1,4,9,16, Single Channel Playback, Sequence	
Screen Resc	olution	1080p, 720p, 1280X1024, 1024X768,	
		720X480 (NTSC), 720X576 (PAL)	
Performan	ice		
Recording	Compression	H.264	
	Recording Mode	Schedule, Event, Time-Lapse, Panic, Continuous, Pre &	
		Post Event, Motion, Recording Configuration per Channe	
	Pre Recording	0~15 Seconds	
	Post Recording	10~10 Seconds	
	Recording Rate	16CH: 480/ 400 fps (NTSC/ PAL) @ All Resolutions	
		8CH: 240/ 200 fps (NTSC/PAL) @ All Resolutions	
	Recording Resolutions	Full 960H Real-Time Recording, 30fps @ All Resolutions	
Playback	Playback Rate	16CH: 480/ 400 fps (NTSC/ PAL) @ All Resolutions	
,	,	8CH: 240/ 200 fps (NTSC/PAL) @ All Resolutions	
	Playback Resolution	Full 960H Real-Time Playback, 30fps @ All Resolutions	
	Fast Forward Functions	x1/16, x1/8, x1/4, x1/2, x1, x2, x4, x8, x16, x32,	
	Rewind Functions	First Data, Last Data, Frame-by-Frmae	
	Search Modes	Date & Time, Record Table, Calendar, Event Preview,	
	0000011110000	Bookmark, Play from Search, System & Event Logs	
Storage	HDD Interface	Up to 4 HDD	
otorago	Program Memory	Built-in Flash (512Mb)	
	Max. Internal HDDs	Up to 16TB (4HDD x 4TB)	
	External Storage	USB Flash Drive, USB HDD, DVD	
	CD/ DVD RW	Yes	
	HDD Interface Type	SATA-II, SATA-III	
	HDD Health Check	Temperature, S.M.A.R.T. with E-mail Notifications	
Features	FaceStamp	Employee Management and Fraud Prevention	
i catules	Image Enhancer	Amplify signal up to 3,000ft (Cat5), 6,000ft (RG-59)	
	Camera Color Control	Brightness, Contrast, Saturation, Hue	
		Yes (Live & Playback)	
	Digital Zoom		
	Software Upgrade	USB Flash Drive, Network Upgrade, FTP Remote Upgrade	
	3G Mobile	Mobile App for Apple & Android Smart Phones & Tablets	
	Covert Channel	Yes (Live & Playback)	
Network			
Network Co		Ethernet (1 x Gigabyte 10/100/1000 Mbps)	
Streaming	Transmission Speed Live	480/400 fps @ D1 (NTSC/ PAL)	
	Protocols	Static, DDNS, DHCP	
Access	Web Viewer	Live, Playback, & Config. up to 10 multiple connections	
	Client Monitoring Software	ACS (Client S/W), MAC (Apple S/W), Pivot (CMS S/W)	
General			
Operating Te	emperature/ Humidity	5 ~ 40°C (41 ~ 104°F)	
Operating Hu		Less than 80% (Non-Condensing)	
Electrical	Power Requirement	12V 9A D/C	
	Power Consumption	108W	
Dimensions		18.89 X 3.46 X 17.57 in (430 X 88 X 446.5mm)	
Weight		13.84lb (6.28kg)	
		*Specification is subject to change without prior notice.	







Dimensions (unit: mm) 362.40 (14.27")

Summary

The VMAX960HFlex model is an advanced H.264 Stand Alone digital video recorder that records real-time at 960H, D1, 2CIF, and CIF Resolutions. This DVR offers the unparalleled image quality of the VMAX960H, at an affordable cost for low and mid-size applications. In addition, the DVR offers great features such as Free DDNS, One Touch Backup and Playback, Single Channel Playback in Live, and is supported by our popular mobile application. The DVR is available with basic storage from 1 to 6 Terabytes.

Features

- Advanced H.264 Stand Alone DVR
- Multiplex Live, Playback, Recording, Backup, Network, Configuration
- Record 30 Frames per Second on Every Channel
- One Touch Video Backup, Reverse Playback, & Emergency Recording
- Simple & Free DDNS Support
- Web-Based Client with Multi-User Access
- Scheduled Network Backup
- S.M.A.R.T Health Check with Email Notification
- HDD Calculation and Auto Recording Configuration
- Email & Text Event Notifications
- Watermark Verification (Digital Signature Verification)
- Help Menu on Major Functions
- Auto & Manual Firmware Upgrade Available
- Import/Export Configuration Between Multiple DVRs
- USB Mouse, IR Remote Control, GUI
- Central Management Software, Up to 128CH
- Mobile Application for iPhone, iPad, iPod, Android Smart Plmes and Tablets, and Kindle Fire
- MAC Compatible Remote Software

Specifications

Video Live Framerate 1-30fps Resolution 960H, D1, 2CIF, CIF	VIDEO		4114.01
Resolution			8/16 Channels
Video Output Loop Output Audio Input Audio Input Audio Output Alarm Sensor Input Alarm Out Doperating System Embedded Linux Sensor Input Alarm Sensor Input Alarm Sensor Input Alarm Out Doperating System Embedded Linux Sensor Input Sensor Input Alarm Out Alarm Out Doperating System Embedded Linux Sensor Input Sensor Input Alarm Out Alarm Out Alarm Operating Alar Input Alarm Unt Doperating Alar Input Alarm Out Alarm Operating Alar Input Alarm Operating Alarm Operating Alarm Operating Alarm Operating Humidity Less than 80% (Non-Condensing) Input Coperating Impureduced Linux Operating Alarm	Video Live		
Loop Output Audio Input	Vidaa Outau		
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Output			
Alaim Sensor Input 8/16 Input 8/16 Input 1/2 2 Ouput 1	Audio		
Alarm Out 2 Ouput Serial Alarm Out 2 Ouput 2 Ouput 2 Ouput 2 Ouput 2 Ouput 3 Ouperating System 5 Out 2 Ouput 2 Ouput 2 Ouput 3 Ouperating System 5 Out 2 Ouput 3 Ouperating System 5 Out 2 Ouput 5 Ouperating System 5 Out 2 Ouput 5 Ouperating System 6 Ouperating State Ouperating System 6			
Alarm Out Operating System Finbedded Linux Serial Alarm Out Operating System Finbedded Linux Alarm Out Operating Menu Display Control Methods In Remote Control, USB Mouse, Front Panel Butt In Remote Control, Operating Mouse, Front Panel Butt In Remote Control, Operating Continuou Post Event, Motion, Recording Playback, Seque Schedule, Event, Time-Lapse, Panic, Continuou Post Event, Motion, Recording Configuration pe Post Recording Mode Schedule, Event, Time-Lapse, Panic, Continuou Post Event, Motion, Recording Configuration pe Post Recording Rate In Ch.+ 480 / 400 fps (NTSC/PAL) @ All Resolution Recording Resolutions Full 960H Real-Time Recording, 30fps @ All Res In Remote System Full 960H Real-Time Playback, 30fps @ All Res All Resolution Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Res All Resolutions Full 960H Real-Time Playback, 30fps @ All Resolution Full 960H Real-Time Playback, 30fps @ All Resolution Full 960H Real-Time Playback, 30fps @ All Res All Resolution Bookmark, Play from Search, 10-Annel Playback Bookmark, Play from Search, 10-Annel Porgarm Memory Built-in Flash (512Mb) Max. Internal HDDs Up t	Alarm	Sensor Input	8/16 Input
Departing System			
Serial 1xRS232, 2xRS486 for PTZ Camera & Contriler, 2x			
Control Methods IR Remote Control, USB Mouse, Front Panel Butt Screen Display Mode 16CH: 1,4,9,16, Single Channel Playback, Seque 1080p, 720p, 1280X1024, 1024X768, 720X480 (NTSC), 720X576 (PAL) Performance	Serial		1xRS232, 2xRS485 for PTZ Camera & Contrller, 2xUSB 2.
Screen Resolution			
Compression			IR Remote Control, USB Mouse, Front Panel Buttons
Performance Recording Compression H.264 Recording Recording Mode Schedule, Event, Time-Lapse, Panic, Continuou Post Event, Motion, Recording Configuration per Pre Recording 10~10 Seconds Recording Rate 16CH: 480/ 400 fps (NTSC/PAL) @ All Resolution Recording Rate 16CH: 480/ 400 fps (NTSC/PAL) @ All Resolution Recording Resolutions Full 960H Real-Time Recording, 30fps @ All Resolution Playback Resolution Full 960H Real-Time Recording, 30fps @ All Resolution Playback Resolution Full 960H Real-Time Playback, 30fps @ All Resolution Rewind Functions First Data, Last Data, Frame-by-Frmae (Panoran Search Modes Search Modes Date & Time, Record Table, Calendar, Event Pre Bookmark, Play from Search, System & Event Lot Panoramic Search, 1Channel Playback Up to 2 HDD Program Memory Built-in Flash (512Mb) Max. Internal HDDs Up to 6TB (2HDD x 3TB) External Storage USB Flash Drive, USB HDD, DVD HDD Interface Type SATA-II, SATA-III HDD Health Check Temperature, S.M.A.R.T. with E-mail Notification Features FaceStamp Employee Management and Fraud Prevention Image Enhancer Amplify signal up to 3,000ft (Cat5), 6,000ft (RG-Camera Color Control Digital Zoom Yes (Live & Playback) Software Upgrade USB Flash Drive, Network Upgrade, FTP Remote 3G Mobile Mobile App for Apple & Android Smart Phones & Covert Channel Yes (Live & Playback) Protocols Static, DDNS, DHCP Access Web Viewer Live, Playback, & Config. up to 10 multiple con Client Monitoring Software Live, Playback, & Config. up to 10 multiple con Client Monitoring Software Live, Playback, & Config. up to 10 multiple con Client Monitoring Software Live, Playback, & Config. up to 10 multiple con Client Monitoring Software Live, Playback, & Config. up to 10 multiple con Client Monitoring Software Live, Playback, & Config. up to 10 multiple con Client Monitoring Software Live, Playback, & Config. up to 10 multiple con Client Monitoring Software Live, Playback,			
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Post Event, Motion, Recording Configuration per Pre Recording 0-15 Seconds Post Recording 10-10 Seconds Recording Rate 16CH: 480/ 400 fps (NTSC/PAL) @ All Resolution 8CH: 240/ 200 fps (NTSC/PAL) & All Resol	Recording		
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Post Recording Recording Recording Recording Rate 16CH: 480/ 400 fps (NTSC/PAL) @ All Resolution 8CH: 240/ 200 fps (NTSC/PAL) @ All Resolution 8CH: 240/ 200 fps (NTSC/PAL) @ All Resolution 9CH: 480/ 400 fps (NTSC/PAL) @ All Resolution 16CH: 480/ 400 fps (NTSC/PAL) @ All Resolution 8CH: 240/ 200 fps (NTSC/PAL) @ All Resolution 16CH: 480/ 400 fps (NTSC/PAL) @ All Resolution 8CH: 240/ 200 fps (NTSC/PAL) @ All Resolution 16CH: 480/ 400 fps (NTSC/PAL) & All Resolution 16CH: 480/ 400 fps (NTSC/PA			Post Event, Motion, Recording Configuration per Chann
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Client Monitoring Software			Static, DDNS, DHCP
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Departing Temperature/ Humidity 5 ~ 40°C (41 ~ 104°F)		Client Monitoring Software	ACS (Client S/W), MAC (Apple S/W), Pivot (CMS S/W)
Departing Humidity Less than 80% (Non-Condensing)	Seneral		
Departing Humidity Less than 80% (Non-Condensing)			
Power Consumption 80.04W	Operating H	umidity	
Dimensions 14.27 X 2.61 X 14 in (362.40 X 66.40 X 355.90 m Weight 8.4lb (3.8kg)	Electrical		
Weight 8.4lb (3.8kg)		Power Consumption	
Weight 8.4lb (3.8kg)			14.27 X 2.61 X 14 in (362.40 X 66.40 X 355.90 mm)
*Specification is subject to change without pri	Weight		8.4lb (3.8kg)
Specification is subject to change without pile			"Specification is subject to change without prior notice,

Available Models

