

# Digital Video Recorders

Quadplex Operation / H.264 Compression / Advanced Remote Management



4CH / 8CH / 16CH

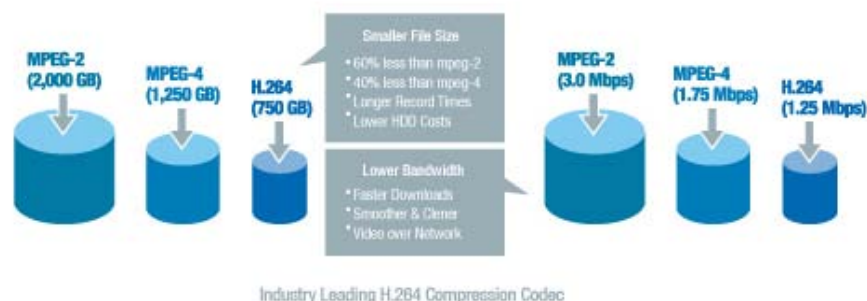


## Experience the Power of H.264 Video compression

**H.264  
COMPRESSION**

Max Series II are Standalone type DVRs based on the H.264 CODEC. This is the most current video compression technology available today. It out performs other CODEC's such as MJPEG, MPEG-2, and MPEG-4. By utilizing the H.264 compression

codec, the Max Series II can provide higher video quality and lower bandwidth than MPEG-4/2 video compression. With a lower bit rate, the Max Series II uses much less Hard Disk space and performs much faster data transferring over the same network bandwidth.



## More Features

- Instant & convenient data backup using CD/DVD or USB drive
- Intuitive Mouse Operation
- Exclusive backup data player
- Free Dynamic DNS
- Built-in Pan/Tilt/Zoom/Focus camera protocols over 30 models.
- Automatic Video Input and Video loss detection
- Multiple Client Software and web-viewer for PC
- NTP (Network Time Protocol)
- Free Dynamic DNS



**Skyway Security**

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## Quadplex Operation

Quadplex Operation enabling simultaneous recording, playback, backup and networking.

## Reliable File System

NaFS - Designed to prevent data loss or corruption in the event of a power failure.

## Individual Channel Operation

Individual channel configuration such as recording frame rate, quality, motion detection, DI/DO, recording schedule per channel.

## Easy and Simple Interface

Simple and easy DVR operation interface based on instinctive user interface.

## Easy Scheduler

Easy to schedule complicated weekly recording plans.

## Motion detection record.

User can define motion detection zones for each camera with grids and its sensitivity per channel.

## Easy software Upgrade.

Easy software upgrade via USB Flash drive.

## Instant and convenient backup function

Still-image and video data exporting via USB flash drive, built-in DVD-RW (not global), or network software.

## AVI Backup

Export AVI file which can be played via Microsoft Media Player in any PC with H.264 decoder installed.

## Various ways of Network access

Various network accesses are available via Network client application software, Web-viewer, Multi-site monitoring software, and Central management software.

## Available Models/ Specifications

Item			4CH	8CH	16CH
Video	Input	Composite	4CH, Composite 1.0Vp-p, 75 ohm	8CH, Composite 1.0Vp-p, 75 ohm	16CH, Composite 1.0Vp-p, 75 ohm
		Signal Format	NTSC/PAL		
		Video Loss	Yes		
	Output	Main Monitor	1 HDMI, 1 VGA, 1 BNC		
		Signal Format	NTSC/PAL, VGA, 1080p		
		Spot	1 CH BNC		
Audio	Input & Output		4 Line Input & 1 Line Output		
	Audio Codec		G.711 (ADPCM)		
Alarm	Sensor Input		4 (NC/NO Selectable)		
	Alarm Output		1 Alarm out by Alarm, Motion, Video Loss		
Recording	Compression		H.264		
	Multi-Operation		Quadplex (Playback/Record/Network/Backup)		
	Resolution	D1 (704x480)	120 FPS		
		Half D1 (704x240)	120 FPS	240 FPS	240 FPS
		CIF (352x240)	120 FPS	240 FPS	480 FPS
	Recording Quality Grade		5 Grades		
	Recording Mode		Continuous/Schedule/Motion/Sensor/Manual		
	Motion Detection		Motion Detection Setup by Grid		
	Pre Recording		Min. 15 seconds and Max. 20 minutes		
	Post Recording		Min. 10 seconds and Max. 60 seconds		
Display	Frame Rate (/Sec)		NTSC: 30fps/ch, 60 fields / PAL: 25fps/ch, 50 fields		
Playback	Multi-Decoding		1 & 4 Split Screen	1, 4, 8 Split Screen	1, 4, 8, 16 Split Screen
	Playback Speed	Single Channel FF / FR	x 2, 4, 8, 16, 32		
		Multi-channels FF / FR	x4		
	Search Mode		Timeline, Event, Archive, Log		
Storage	Internal Hdd	Interface Type	Serial ATA I		
		Max Capacity of 1 HDD	2 TB		
		Max HDD Number	1		
	ESATA		1		
	Backup	Video & Still Image	CD/DVD,USB Flash Drive, Network		
	USB Port		2 (Fron1, Rear 1)		
User I/F	Menu Display		GUI		
	Input Method		Front Buttons, Mouse		
Serial Port	Console		Continuous / Schedule / Motion/ Sensor/ Manual		
	PTZ Control		1 RS-485		
	Terminal		1		

<b>Network</b>	<b>Dynamic DDNS</b>	<b>Yes (Free DDNS)</b>
	<b>Network Interface</b>	<b>10/100 base-TX Ethernet (RJ-45)</b>
	<b>Dual Encoding</b>	<b>CIF 120fps/100fps</b>
<b>Network Access</b>	<b>Web Viewer (1:1)</b>	<b>Live, Search, Backup, PTZF Camera Control, Remote Setup</b>
	<b>3G Mobile Viewer (1:1)</b>	<b>Live</b>
	<b>Single-site Monitoring SW (1:1)</b>	<b>Live, Search, Backup, PTZF Camera Control, Remote Setup</b>
	<b>Multi-site Monitoring SW (1:1)</b>	<b>Live, Search, Backup, PTZF Camera Control, Remote Setup</b>
<b>Features</b>	<b>DLS(Day Light Saving)</b>	<b>Yes</b>
	<b>Internal Beep</b>	<b>By Alarm, Motion, Video Loss, HDD error</b>
	<b>Multi-Language</b>	<b>Yes</b>
	<b>S/W Upgrade</b>	<b>USB Flash drive</b>
	<b>NTP</b>	<b>Yes</b>
	<b>Watermark</b>	<b>Yes</b>
<b>Power source</b>	<b>Power</b>	<b>DC 12V 5A</b>
<b>Operating Temperature</b>		<b>5°C - 40°C, During storage: -10°C - +50°C</b>
<b>Operating Humidity</b>		<b>0 - 90 %</b>
<b>Weight</b>	<b>Unit Weight(Gross Weight)</b>	<b>4.1 Kgs (6.2 Kgs) / 9 Lbs (13.6 Lbs)</b>
<b>Dimension</b>	<b>Unit Dimension (W x H x D)</b>	<b>380 mm x 340 mm x 72 mm / 14.9" x 13.3" x 2.8"</b>