

# MRX 1001A / 1004A

*Compact, Stable and Non PC Based*

## *Micro Digital Video Recorder*

**MRX** is the leader of the advanced, reliable and cost-effective digital recording system in its class.

Incorporating the proven, leading edge video compression technology with highly stable embedded operating system, it provides a stand alone or fully networked applications suitable for short or long term digital storage solution.

With feature list unmatched in its class, **MRX** is the digital solution of the future, available now to the world.

### Features

#### Performance

- Superior Picture Quality
  - Real time Live Display
  - More than 450TV lines (720 X 240) Recording
- Instant backup to CF/SD card
- Fast Backup through USB2.0
- Small & Compact System
  - Dimension : 210 x 145 x 43mm
  - Weight : 1Kg

#### Multi Function

- Multi Functional System
  - Can be used as a DVR, Encoder, Decoder & IP Recorder
- 1CH Audio Recording (MRX 1004A)

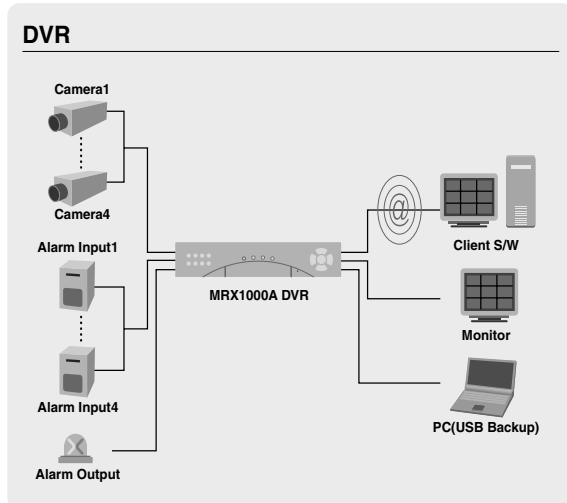
#### High Stability & Environmental Reliability

- Highly stable Embedded Linux Operating System
- Ventilation
  - Fanless, Natural Convection, Dustproof Filter
- Anti-Vibration
  - Operational : 1.0mm p-p or less (5 ~ 22Hz)  
9.8m/s<sup>2</sup> (1.0G) or less (22 ~ 500Hz)
  - Non Operational : 5mm p-p or less (5 ~ 22Hz)  
49m/s<sup>2</sup> (5.0G) or less (22 ~ 500Hz)
- Anti-Shock
  - Operational : 980m/s<sup>2</sup> (100G) or less (11 ms, half sine wave)  
2,450m/s<sup>2</sup> (250G) or less (2ms, half sine wave)
  - Non Operational : 7,840m/s<sup>2</sup> (800G) or less (1ms, half sine wave)
- Temperature
  - Operational : 0°C to 65°C
  - Non Operational : -40°C to 85°C
- Highly stable Database Management

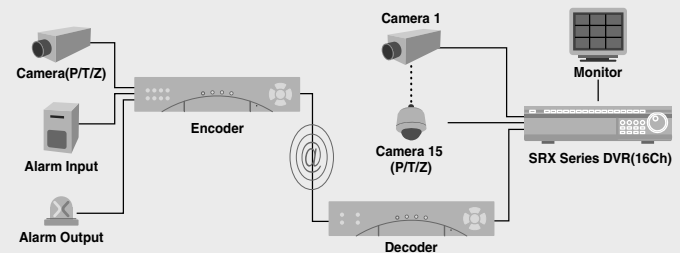


*MRX 1000A series promise the stability!*

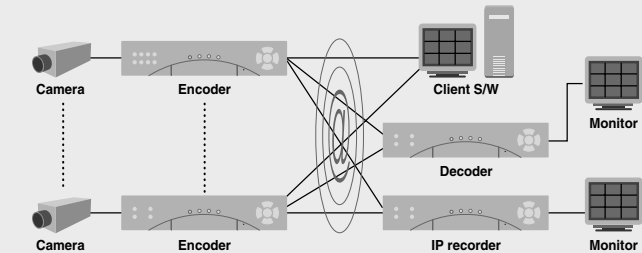
## System Configuration



### Encoder + Decoder + DVR



### Encoder + Decoder + IP Recorder



## CF / SD Backup



CF



Instand backup to CF / SD



SD

## Specification

Model		MRX 1001A	MRX 1004A
In/Out Port	Video In/Out	1 BNC In (Composite), 1 BNC Out (Composite)	4 BNC In (Composite), 1 BNC Out (Composite)
	Audio In/Out	1 / 1	1 / 1
	USB	1 USB 2.0 Connector	
	Network	1 RJ45, Ethernet 100base-T	
	Serial	1 9-DSUB, RS232C	
	Alarm In/Out	1 / 2	4 / 2
Record	Resolution	NTSC : 720 X 240, 320 X 240, PAL : 720 X 288, 320 X 288	NTSC : 720 X 240, 360 X 240, PAL : 720 X 288, 360 X 288
	Speed	NTSC : 1 ~ 30 fps PAL : 1 ~ 25 fps	
	Compression	Video : JPEG Standard, 4 Step Quality Level (Super, High, Medium, Low), Audio : G.726	
Search	Mode	Normal, Event, Schedule	
Key Input	Button	13 Buttons	
Status	Status LED	4 LED (Power, REC, ALM, LAN)	
S/W	OS	Embedded Linux	
	UI	OSD	
	Watchdog	Yes	
Storage	HDD	2.5" HDD (IDE Interface)	
	CF/SD	Yes	
Power	In	DC 12V	
	Out	DC 12V	No
	Consumption	Avg. 6W	
Mechanical	Dimension	210(W) X 145(D) X 43(H)mm	
	Weight	1Kg	
	Ventilation	Fan Less, Natural Convection, Dustproof Filter	