

VR770

DVR or Multiplexer – 4 Channels



Features:

- 4 Audio inputs / 1 Audio output
- Video Compression: Wavelet Format
- Video Resolution:

Screen Modes:	Resolution (NTSC):	Resolution (PAL):
Full Screen	704(H) x 468(V)	704(H) x 564(V)
Quad	352(H) x 234(V)	352(H) x 282(V)

- Main monitor outputs allow simultaneous 4 cameras and full screen viewing.
- Multi Screen Display Mode: display modes are selectable during display & play back:
- Digital Zoom can be up to 2 X 2 in playback modes
- Security password protection
- 4 channels are swappable and independent title (up to 8 characters).
- Video quality adjustable on each channel
- Real time display, On Screen Display and RTC (Real time clock) Function
- Multiplexing: 4 channels camera can record always quad/ live or display quad and digital Zoom full screen/playback.
- Alarm Input Function & Output Function:
- 4 channels alarm input, ALARM display and one alarm output.
Video loss detected in each channel.
- Record 80 events.
- Power-loss memory function: set up parameter will remain while power failure.
- Support 1 Removable HDD, IDE Type
- Timer: Schedule recording
- Record refresh rate up to 60 IPS (50 IPS for PAL) NTSC: 60, 30, 15, 8, 4, 2,1; PAL: 50, 25,12, 6, 3, 2,1
- Quick Multiple Search by date/time, alarm, full list
- Fast and slow playback in multiple speeds
- RS-232, RS-485 communication protocol

Hours of Recording using 120 GB Hard Drive (NTSC):

Record Quality	IPS						
	60	30	15	8	4	2	1
Best	12 hr	24 hr	48 hr	90 hr	180 hr	360 hr	720 hr
High	15 hr	30 hr	60 hr	112 hr	225 hr	450 hr	900 hr
Normal	24 hr	48 hr	96 hr	180 hr	360 hr	720 hr	1440 hr
Basic	40 hr	80 hr	160 hr	300 hr	600 hr	1200 hr	2400 hr

Note: Above data is from actual test data obtained from recording normal TV program. (Reference only)

Specifications are subject change due to availability.
Parts may be replaced with similar or better quality/grade.

Update: Oct 8, 2004

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Specifications:

Model	VR770N
Hard Drive	Optional
Hard disk storage	IDE type, UTMA 66 above, 1 removable HDD supported
Video format	NTSC/EIA or PAL/CCIR
Record mode	Alarm / External / Timer / Manual
Camera Input Signal	Composite video signal 1 Vp-p 75ohmsBNC, 4 channels
Monitor Output	Composite video signal 1 Vp-p 75ohms BNC, 9 channels
Audio input	4 audio input, (RCA)
Audio output	1 audio output, (RCA)
Video Loss Detection	Yes
Refresh Rate	Real time display
Recording Rate	60 images/sec. for NTSC / 50 images/sec for PAL
Dwell Time	Programmable (1~10 Sec)
Key Lock	Yes
Camera Title	8
Video Adjustable on Channels	Color / Contrast / Brightness Adjustable
Alarm Input	TTL input, Hi (5V), Low (GND)
Alarm Output	COM / N.O. / N.C.
Alarm History Log	80 Events
Remote Control	RS-232 or RS-485
Time Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, OFF
Power Source	AC90~240V switching adaptor
Power Consumption	<27W
Operation Temperature	10~ 40 degree C
RS-232C / RS-485 (bps)	115200,57600,19200,9600,4800,3600,2400,1200
Dimension (W x L x H)	380 x 270 x 65 mm (15 x 11 x 3 in.)
Net Weight	5.2 Kgs

Packaging:

- 4 Channel Digital Quad Recorder
- HDD Cartridge
- Key for Cartridge (In HDD cartridge)
- Power Cord
- User Manual
- Hard Drive installed (depends on model)

Ordering Information:

Product Code	Hard Drive
VR770A	No hard drive
VR770B	80 GB hard drive
VR770D	160 GB hard drive
VR770F	250 GB hard drive

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