



#### Product Overview

Designed for globally increasing surveillance requirements, MR-5516 is a high performance standalone Digital Video Recorder. It takes H. 264 compression format to not only improve video quality but also extend recording time over the same hard disk capacity. Furthermore, the system stability and scalability can fulfill all your surveillance requirements. With Quadruplex support, Live, Record, Playback and Network can be performed simultaneously. This high-quality DVR is absolutely the best choice for your security surveillance.

#### Features

- 16 Camera inputs
- H. 264 enhanced compression
- DVI/VGA output at 1280×1024
- Real-time displaying
- 200 (240) fps at 640×256 (640×240)
- Remote access via IE browser
- Up to 2TB storage
- USB backup function

#### Alarm connector

Pin No.	Pin Description	Pin No.	Pin Description
1	Alarm-in 1	14	Alarm-in 2
2	Alarm-in 3	15	Alarm-in 4
3	Alarm-in 5	16	Alarm-in 6
4	Alarm-in 7	17	Alarm-in 8
5	Alarm-in 9	18	Alarm-in 10
6	Alarm-in 11	19	Alarm-in 12
7	Alarm-in 13	20	Alarm-in 14
8	Alarm-in 15	21	Alarm-in 16
9	GND	22	5V OUTPUT
10	Alarm-out 1	23	Alarm-out 2
11	Alarm-out 3	24	----
12	Alarm-NC1	25	Alarm-COM1
13	Alarm-NO1		

#### Connectors

No.	Function name	Function
①	Power Switch	ON/OFF
②	Power in	DC19V
③	Video in BNC	Camera connection
④	Dipswitch	75Ω
⑤	Audio in	RCA×2(1Vp-p)
⑥	Audio out	RCA×2(L, R)
⑦	GND	GND hole
⑧	IR jack	IR extension jack
⑨	DVI	Video Output
⑩	VGA	Video Output
⑪	System switch	NTSC/PAL, DVI/VGA
⑫	Alarm I/O	Alarm Input/Output
⑬	LAN	RJ-45
⑭	RS-485	For PTZ cameras
⑮	UBS port	For mouse control

## Specifications

Function Items	Specifications	
Model name	MR-5516	
Function	Video input	16CH VBS
	Split display mode	Full, 4/9/16
	Multiplex mode	Quadruplex (live/record/playback/ethernet)
	Display resolution (BNC)	1280×1024(NTSC), 1280×1024(PAL)
	Display frame rate	60/120/240/480fps(NTSC), 50/100/200/400(PAL)
	Video input	16CH VBS
	Color	16M colors
	Password	Yes
	Watch dog	Yes
Record	Resolution	NTSC (640×480/640×240), PAL (640×512/640×256)
	Frame rate	120/240fps@640×480/640×240(NTSC), 100/200fps@640×512/640×256(PAL)
	Recording quality	5 Levels
	Compression algorithm	H.264 enhanced
	Max. compression rate	300 : 1
	Motion recording	Yes
Playback	Search mode	Smart search by file/event/date/time/frame
	Search speed	Date, hour, min, sec, frame, pause
	Playback speed	Pause, ×1, ×5, ×15, ×60
Connector	Video in BNC	16CH
	Video out DVI	1280×1024
	Video out VGA	1280×1024
	Audio in RCA	2CH(1Vp-p)
	Audio out RCA	L, R(1Vp-p)
	Ethernet 10/100M	RJ45×1port
	Keyboard	RJ11×1
	DC jack	1
	Alarm port	1 (Alarm in ×16, Alarm out ×3, relay-out×1)
	USB	×2
	IR remote control	Yes
Alarm/Motion	Motion detection	1200 motion zones
	Motion detection sensitivity	100 levels
	No. of alarm inputs	16
	No. of alarm outputs	3
Event	Size of event list	4096
	Event source	Alarm, motion, video loss, power on/off, discontinued record, mark, USB
Ethernet	10/100M LAN	Yes
	Remote viewing	IE browser, Suggested resolution: 1024×768 or above
HDD	SATA HDD bay	2
	HDD capacity	120GB~1000GB
Backup	USB	Yes
Specification	Power supply	DC19V, 3.16A, 60W
	Operating temperature	Temperature 5~40°C, humidity10~75%
	Dimension	260(L)×277(D)×67(H)
	Net weight	5Kg(without HDD)

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