

Mantis

Fanless Mini DVR Series

Palm-size DVR with BNC and Cat5 cabling ready

Portable Elegance



Benefits

- Fan-less system delivers a virtually silent and maintenance-free operation.
- On-board RJ45 sockets and camera balun, compatible with Cat5 cabling (MDR14E / MDR14D).
- The palm-size DVR resolves the space concerns while retaining key features proven by CCTV professionals.
- The DVR can be piggy-backed onto an LCD monitor with a standard VESA mount.
- Available in black, red, yellow, and blue

Features

- Superb picture quality
- One 2.5" HDD Storage
- Direct VGA output up to 1280x1024 resolution
- User-friendly graphic user interface
- Easy and flexible operation by mouse or IR remote controller
- Video backup to USB pen drive and playback on PC
- Scheduled and motion triggered recording
- Multi-lingual on-screen display (OSD)

With LAN DVR (MDR04D / MDR08D / MDR14D):

- Remote viewing via IE internet browser, 2.5/3G mobile phones, and BlackBerry devices
- Remotely monitor, control and playback via the internet.

Space-conservative Aesthetics

Slim and contemporary, the devices in the **MANTIS** series aim to keep your workspace free of mess and clutter. They can be fastened to the rear of your standard monitor or placed on a VESA-accredited mounting.

Satisfactory Recording Performance

The recording frame rate on each channel can be independently adjusted. An auto-balance mode is also available for automatic allocation of the channel frame rate through intuitive load estimation.



High Display Resolution

The series is equipped with a direct VGA output which allows the user to save on LCD monitor expenses.

Extensive Data Storage

The **MANTIS** series possesses a data capacity of up to 1TB.

Noise-less Operation and Easy Maintenance

The fan-less architecture eliminates undesirable mechanical parts and makes the DVR virtually silent during operation and easy to maintain.

Versatile Peripheral Connectors

These mini digital recorders have flexible peripheral connection schemes. Models with the MDR1 prefix include a balun hub which connects to the DVR through an RJ45 cable. This method integrates the video signal and the camera power cables into one line and provides you with cost-savings on wiring and time-savings on installation.

Various Network Options

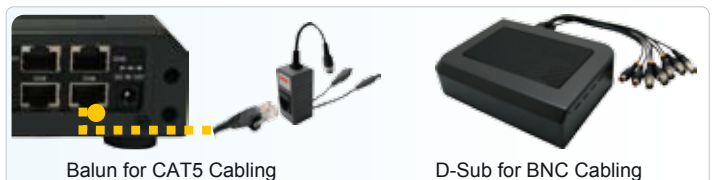
Versions with the D suffix (i.e. MDRxxD) include a network port that allows you to connect to your remote system through a designated network. On the other hand, versions with the E suffix (i.e. MDRxxE) are more simplistic but are equally usable even without the networking capability.

Attractive Color Palette and Customized Labeling

This series also comes in a bright blue, red, or yellow casing aside from the standard black. You may also request for a preferred label on your devices.

Order Information

MDR	X	X	X
	Connector	Channels	Network Function
	0: D-Sub	4: 4CH	D: Remote Network Series
	1: Balun	8: 8CH	E: Non-Remote Network Series



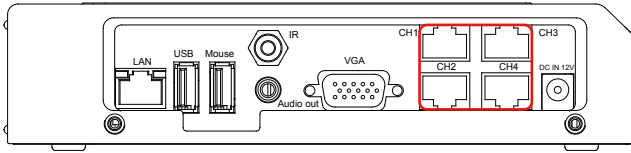


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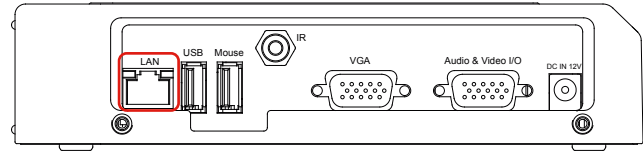
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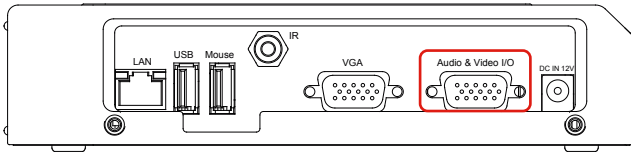
BALUN Version for CAT5 Cabling (MDR1XX)



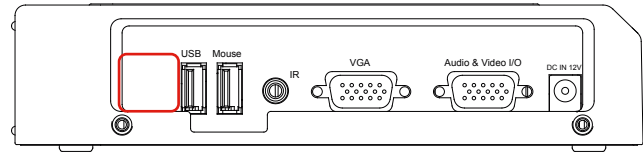
D Series: with Network Function



D-Sub Version for BNC Cabling (MDR0XX)



E Series: Non-Network Function



Model	MDR - E Series		MDR - D Series	
	MDR04E	MDR14E	MDR04/08D	MDR14D
Video				
Video Compression	MJPEG		MJPEG / MPEG4	
Video Input	BNC x 4	RJ45 Connector x 4	04D: BNC x 4 08D: BNC x 8	RJ45 Connector x 4
Video Output	1-VGA Output, 1-Video Output			
Display Resolution	NTSC: 640 x 448, PAL: 640 x 544			
Display Frame Rate	NTSC: 120fps, PAL: 100fps			
Display Division	Single / Sequence / Split (1/4)		Single / Sequence / Split (04D: 1/4, 08D: 1/8)	Single / Sequence / Split (1/4)
Audio				
Audio Input	1			
Audio Output	1			
Recording				
Recording Resolution	NTSC: 640 x 224, PAL: 640 x 272			
Recording Frame Rate (with Auto Balance Mode)	NTSC: 60fps, PAL: 50fps			
Recording Mode	Continuous / Schedule / Motion Detection			
Recording Quality	High / Normal / Low			
Search & Playback				
Search Mode	Time / Event			
Storage / Backup				
Storage Support	One Internal 2.5" SATA HDD (Max. Capacity Support: 1TB)			
Backup Device	USB stick			
Network				
Network Connection			RJ-45	
Network Protocol			TCP/IP, Static IP, DHCP, PPPOE, DDNS	
Network Remote			Remote Monitoring, Recording, Playback	
Connector				
USB	USB2.0 Port x 1			
Mouse	Mouse Port (PS/2 Protocol) x 1			
I/O Connector				
BNC & RCA Breakout Cable	4-Video In, 1-Video Out, 1-Audio In, 1-Audio Out	-	4-Video In (04D) / 8-Video In (08D), 1-Video Out, 1-Audio In, 1-Audio Out	-
BALUN	-	BALUN x 4 (4-Video IN, 1-Audio IN)	-	BALUN x 4 (4-Video IN, 1-Audio IN)
Accessories				
Mouse	Yes (PS/2 Compatible USB Mouse)			
IR Remote Controller	Optional			
IR Extender	Optional			
VESA Mounting	Optional			
Others				
Power Supply	Input: AC100~240V, 50/60Hz; Output: DC12V, 3A			
Dimension (WxHxD)	18.09cm x 4.19cm x 12.85cm			