

REAL TIME DIGITAL VIDEO RECORDER

RT3-DVR Series 4, 8, & 16 Channel

SUMMARY

Mace's Real Time DVRs have superior high compression technology which allows for excellent performance in all applications. The RT3-DVR series of digital video recorders come with a 250 GB, 500 GB or 1 Terabyte hard drive and have a capacity for up to 4 HDDs with a built-in DVD burner, or 8 HDD without the DVD burner. The RT3 is user-friendly, with easy-to-use options like your home DVD player. A built in Web server allows you to connect over the Internet, so you can view live video remotely from anywhere in the world.

FEATURES

- Real-Time Stand Alone 4, 8 and 16 Channel
- Real Time Recording: 30 IPS @ CIF Resolution per Ch
- Recording and Playback H.264, Resolution up to full D-1
- Pentaplex
- USB Mouse Interface
- Internal Storage up to 8 Hard Disk Drives without DVD Burner or 4 Hard Disk Drives with DVD Burner
- Stable and Reliable embedded Linux
- Built-in DVD Burner
- User Friendly, works like a DVD player
- Internet Access through Web Browser
- Dual Bit Stream
 - *Bit Rate Size Adjustment for streaming video*
 - *Maximize your internet connection by streaming your video at low resolution while maintaining high resolution recordings.*
- Loop Outs
 - *4, 8, 16 channel video loop out*
 - *4 Audio Inputs*
 - *1 Channel Matrix/Video Sequencer:*
full screen, channel assignment
 - *Two-Way Audio Communications*
- Multi-Client Software
 - *Links & view video from multiple DVR's simultaneously*
- Speed Dome Controller
 - *Dynamic Positioning System*
 - *Eliminates the need of a stand-alone speed dome controller*



MODELS

- 4 Channel/250GB: DVR-400RT3-S
- 8 Channel/500GB: DVR-800RT3-S
- 16 Channel/1TB: DVR-1600RT3-S

RT3 DVR SERIES | TECHNICAL SPECIFICATIONS

SPECIFICATIONS

Main Processor	High performance embedded microprocessor		
Operating System	Embedded Linux		
System Resource	Pentaplex function: live, recording, playback, backup & remote access		
User Interface	32bit color GUI.		
Control Device	Front panel, USB mouse, keyboard, IR remote control		
Input Method	Numeral/Character/Denotation		
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.		
Video			
Video Input	4/8/16 Channel, BNC, 1.0Vp-p, 75Ω, looping (optional)		
Video Output	2 channel TV output BNC, 1.0Vp- p, 75Ω 1 VGA output, matrix output (optional)		
Video Standards	NTSC(525 Line, 60f/s) PAL (625 Line, 50f/s)		
Video Compression	H.264		
Video Resolution	Format	NTSC	PAL
	D1	704 X 480	704 X 576
	HD1	704 X 240	704 X 288
	CIF	352 X 240	352 X 288
	QCIF	176 X 120	176 X 144
Video Recording	D1/2CIF/CIF/QCIF: NTSC 1f/s-30f/s; PAL 1f/s-25f/s		
Video Display Split	Full and multiple screen display, 1 / 4 / 8 / 9 / 16		
Tour Display	Support		
Image Quality	1~6 level		
Privacy Masking	Self-defined four-sided zone for privacy masking for each camera		
Camera Lock	On screen images covered to hide the cameras being displayed		
Camera Adjustment	Adjust color settings according to different time periods		
Video Information	Camera title, time, video loss, camera lock, motion detection, recording		
TV Output	Adjust TV output color & display size		
Audio			
Audio Input	4/8/16 channel, BNC, 200-2800mV, 30KΩ		
Bidirectional Talk Input	1 channel, BNC, 200-2800mV, 30KΩ		
Audio Output	1 channel, BNC, 200-3000mv, 5KΩ		
Audio Compression	ADPCM		
Video Detection & Alarm			
Motion Detection	Zones: 192 (16*12) detection zones; Sensitivity: 1~6; Trigger recording, PTZ movement, tour, alarm		
Video Loss	Trigger recording, PTZ movement, tour, alarm		
Camera blank	Trigger recording, PTZ movement, tour, alarm		
Alarm Input	16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm		
Relay output	6 channel, 30VDC, 1A, NO/NC, form-C		
HARD DISK			
Hard Disk	4 IDE/SATA ports, 8 HDDs supported		
HDD Consumption	Audio: 14.4MB/H Video: 56~700MB/H		
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid		
Record, Playback & Backup			
Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, video loss), Alarm		
Recording Priority	Manual >Alarm >Video Detection >Continuous		
Recording Interval	1 to 120 minutes		
Overwrite Mode	Support		
Raid Function	Support		
Search Mode	Time/Date-Exact time, Alarm, Motion Detection		
Playback	1 channel playback, Play, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection		
Digital Zoom	Selected zone can zoom into full screen during playback		
Backup Mode	Flash disk/ USB HDD/ USB CD-RW/DVD-RW/ built-in IDE Burner/ network download		
NETWORK			
Network Interface	RJ-45 Port (10/100M)		
Network Functions	TCP/IP, DHCP, DDNS, PPPoE, E-mail, FTP		
Remote operation	Monitor, PTZ control, playback, system settings, file download, log information		
Auxiliary Interface			
USB Interface	2 ports, 1 for mouse control, 1 for backup; RS232 keyboard, PC communication; RS485 PTZ control		
Environmental			
Power Supply:	110V 60Hz/220V 50Hz; Power consumption: 25W/30W/40W; Working Temperature -32°F - +131°F; Working Humidity: 10%—90%		
Atmosphere Pressure:	86kpa—106kpa; Dimension 2U, 440mm x 460mm x 89mm (W*D*H); Weight: 16lbs without HDD; Mounting: Desktop or rack		