



E RTD1

D1 Recording 30fps All Channels



CE FC

E-12004RTD1-500, E-12004RTD1-1T, E-24008RTD1-1T, E-24008RTD1-2T
E-48016RTD1-1T, E-48016RTD1-2T, E-96032RTD1-2T



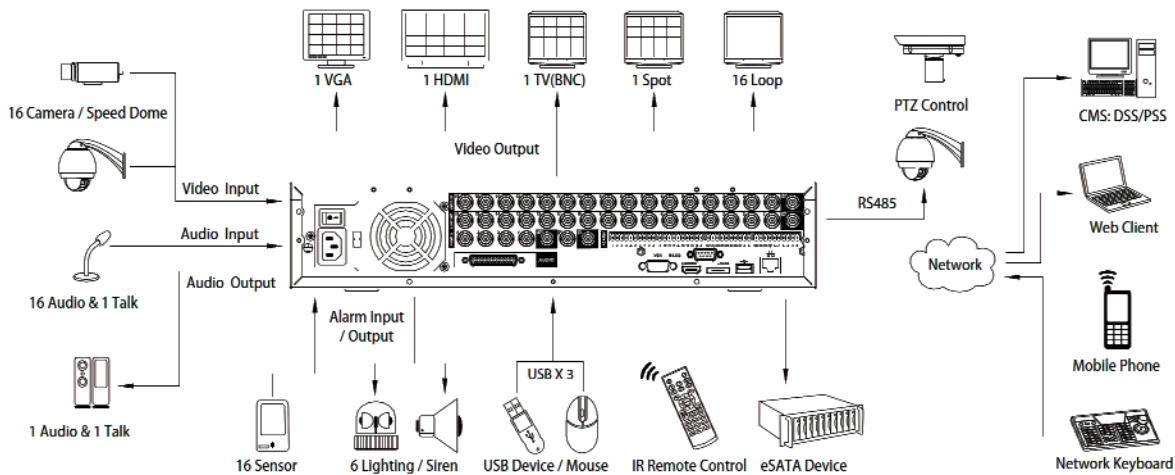
Features:

- ❖ New generation video encoding technology
- ❖ 4/8/16/32 channel full D1 Resolution, 2U standalone DVR
- ❖ 4/8/16/32 cameras with full HD 1080P display
- ❖ H.264 dual-stream video compression/transmission
- ❖ POINT-TO ZOOM Function, Motion Triggers, PTZ presets
- ❖ HDMI / VGA / TV/Spot (BNC) synchronised video output
- ❖ Pentaplex Function: Simultaneous Live View, record, playback, backup & remote access
- ❖ Dual Core CPU with lightning fast processing power

4/8/16/32 Channel Full D1 1080P 2U Standalone DVR

- ❖ 16 channel simultaneous realtime playback with smart search function
- ❖ AVT (Auto Video Tracking), Intelligent positioning re-centres PTZ dome camera
- ❖ Easy Backup: USB devices, CD/DVD-RW & network download
- ❖ Alarm Triggering Screen Trips, buzzer, PTZ, e-mail & FTP upload
- ❖ Support X8 SATA HDDs or X7 SATA HDDs with CD/DVD-RW, X1 eSATA and X3 USB 2.0
- ❖ Built-in web server, multi-DVR client, DMSS & CMS

Connection diagram



MAC OS Compatible



Model		E-12004RTD1-500 E-12004RTD1-1T	E-24008RTD1-1T E-24008RTD1-2T	E-480016RTD1-1T E-480016RTD1-2T	E-96032RTD1-2T
System	Main Processor	High performance Dual-core embedded microprocessor			
	Operating System	Embedded LINUX			
	System Resources	Pentaplex function: live, recording, playback, backup & remote access			
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network			
Video	Input	4 channel, BNC (1.0Vp-p, 75Ω)	8 channel, BNC (1.0Vp-p, 75Ω)	16 channel, BNC (1.0Vp-p, 75Ω)	32 channel, BNC (1.0Vp-p, 75Ω)
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)			
	Output	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω)			
	Loop Output	4 channel	8 channel	16 channel	32 channel
Audio	Input	4 channel, BNC (200-2800mV, 30KΩ)	8 channel, BNC (200-2800mV, 30KΩ)	16 channel, BNC (200-2800mV, 30KΩ)	16 channel, BNC (200-2800mV, 30KΩ)
	Output	1 channel, BNC(200-3000mV, 5KΩ)			
	Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)			
Display	Display Split / Spot Split	1/4	1/4/8/9	1/4/8/9/16	1/4/8/9/16/32
	Resolution	1920×1080, 1280×720			
	Tour Display	Support			
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera			
	OSD	Camera title, time, video loss, camera lock, motion detection, recording			
Recording	Video/Audio Compression	H.264 / G.711			
	Image Resolution	D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)			
	Encoding Speed	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps) Extra Stream: CIF/QCIF(1~25/30fps)			
	Bit Rate	32~4096Kb/s			
	Image Quality	1~6 level (level 6 is the best, VBR effectively)			
	Recording Mode	Manual, Schedule Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop			
	Recording Priority	Manual >Alarm >MD >Regular			
Video Detection & Alarm	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.			
	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output			
	Motion Detection	Zones: 396 (22×18), Sensitivity: 1~6 (level 6 is highest)			
	Video Loss & Camera Blank	Support			
	Alarm Input	4 channel	8 channel	16 channel	16 channel
Playback & Backup	Relay Output	6 channel			
	Playback Channel	1/2/4/All			
	Search Mode	Time/Date, Alarm, MD & Exact search (Accurate to second), Smart search			
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous le, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom (any size)			
Network	Backup Mode	Flash drive/ USB HDD/ USB CD&DVD-RW / eSATA Device / Built-in SATA CD/DVD-RW burner / Network download			
	Ethernet	RJ-45 port (10/100M/1000M)			
	Network Functions	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server			
Hard Disk	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information			
	Hard Disk	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 3TB per HDD supported			
	Space Occupation	Audio: 28.8MB/H, Video: 56~1800MB/H			
Auxiliary Interface	HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)			
	USB Interface	3 ports, 1 for mouse control, 2 for backup			
	eSATA	1 port, Recording or Backup			
	RS232	Keyboard, PC communication			
Environmental	RS485	PTZ control			
	Power Supply	AC 100~240 V, 50/60 Hz			
	Power Consumption	25W	30W	40W	50W
	Working Environment	-10°C ~ +55°C / 10 ~ 90%RH / 86 ~ 106kpa			
Dimension (W×D×H)	2U, 440mm×460mm×89mm / 17.3"×18"×3.5"				
	Weight	6.5KG / 14.3Lb (without HDD)			

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