

ELRTD1

D1 Recording 30fps All Channels



CE FCC

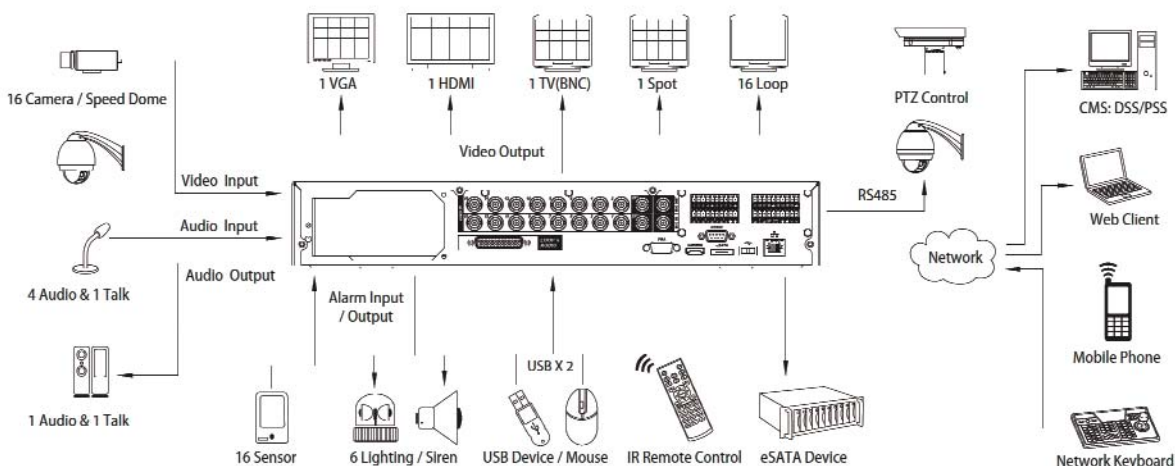
EL-12004RTD1-500, EL-12004RTD1-1T, EL-24008RTD1-1T, EL-24008RTD1-2T,
EL-48016RTD1-1T, EL-48016RTD1-2T



Features:

- ❖ New generation video encoding technology
- ❖ 4/8/16 channel full D1 Resolution, 1.5U standalone DVR
- ❖ Up to 4/8/16 cameras with full HD 1080P display
- ❖ H.264 dual-stream video compression/transmission
- ❖ POINT TO ZOOM FUNCTION: Video Motion Triggers, PTZ Presets
- ❖ HDMI / VGA / TV/Spot (BNC) synchronised video output
- ❖ Pentaplex Function: Live View, Record, Playback, Backup and remote access
- ❖ Supports X4 3 TB HDD
- ❖ 4/8/16 Channel Full D1 1080P 1.5U Standalone DVR
- ❖ 16 channel simultaneous realtime playback with smart search
- ❖ 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
- ❖ Supports X4 SATA HDDs or X3 SATA HDDS & CD/DVD-RW, X1 eSATA, X2 USB 2.0
- ❖ Built-in web server, multi-DVR client, DMSS & CMS
- ❖ DDNS Support

Connection diagram



MAC OS Compatible

Division of:
Videon
Integrated Digital Technologies Ltd.



Model		EL-12004RTD1-500, EL-12004RTD1-1T	EL-24008RTD1-1T, EL-24008RTD1-2T	EL-480016RTD1-1T, EL-480016RTD1-2T
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	Analog Input	4 channel, BNC (1.0Vp-p, 75Ω)	8 channel, BNC (1.0Vp-p, 75Ω)	16 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
Audio	Input	4 channel, BNC(200-2800mV, 30KΩ)	4 channel, BNC(200-2800mV, 30KΩ)	4 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
	Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600		
	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		
	Video/Audio Compression	H.264 / G.711		
Recording	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		
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm	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
	Relay Output	6 channel		
Playback & Backup	Playback Channel	1/2/4/All		
	Search Mode	Time/Date, Alarm, Motion Detection & 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)		
	Backup Mode	Flash drive / USB HDD / USB CD/DVD-RW / eSATA Device / Built-in SATA CD/DVD-RW burner / Network download		
Network	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		
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk	Hard Disk	4 SATA ports, 4 HDDs or 3 HDDs + 1 CD/DVD-RW, Max 3TB per HDD supported		
	Space Occupation	Audio: 28.8MB/H, Video: 56~1800MB/H		
	HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)		
Auxiliary Interface	USB Interface	2 ports, 1 for mouse control, 1 for backup		
	eSATA	1 port, Recording or Backup		
	RS232	Keyboard, PC communication		
	RS485	PTZ control		
Environmental	Power Supply	AC 100~240 V, 50/60 Hz		
	Power Consumption	25W	30W	40W
	Working Environment	-10°C ~ +55°C / 10 ~ 90%RH / 86 ~ 106kpa		
	Dimension (W×D×H)	1.5U, 440mm×460mm×68mm / 17.3"×18"×2.7"		
	Weight	6.0KG / 13Lb (without HDD)		

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