

ESRTD1

D1 Recording 30fps All Channels



CE FCC

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



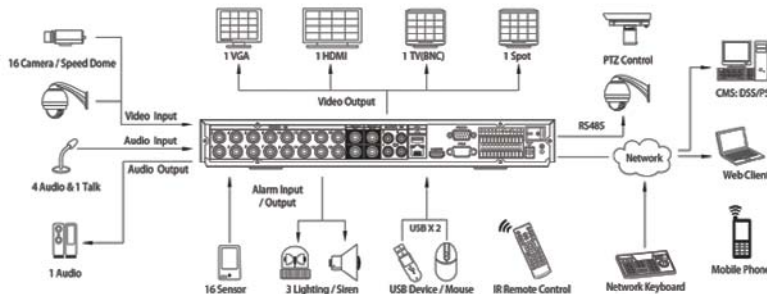
Features:

- ❖ SLIM Line High Performance DVR
- ❖ 4/8/16 channels full D1 Resolution, 1U standalone DVR
- ❖ Up to 4/8/16 cameras with full HD 1080P display
- ❖ H.264 dual-stream video compression/transmission
- ❖ Realtime Recording at D1 Resolution across all channels
- ❖ HDMI / VGA / TV/Spot (BNC) synchronized video output
- ❖ Pentaplex Function: Live View, Record, Playback, Backup and Remote Access
- ❖ New generation video encoding technology

4/8/16 Channel Full D1 1080P 1U Standalone DVR

- ❖ 16 channel simultaneous realtime playback with smart search
- ❖ AVT (Auto Video Tracking), Intelligent positioning re-centres PTZ dome camera
- ❖ Easy backup: USB, CD/DVD-RW & network download
- ❖ Alarm Triggering Screen: Trips buzzer, PTZ, e-mail & FTP upload
- ❖ Support X2 SATA HDDs, X1 eSATA, X3 USB 2.0
- ❖ Built-in web server, multi-DVR client, DMSS & CMS

Connection diagram



MAC OS Compatible



Model		ES-12004RTD1-500, ES-12004RTD1-1T	ES-24008RTD1-1T, ES-24008RTD1-2T	ES-480016RTD1-1T, ES-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	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)		
Audio	Input	4 channel, BNC (200-2800mV, 30KΩ)	8 channel, BNC (200-2800mV, 30KΩ)	4 channel, RCA (200-2800mV, 30KΩ)
	Output	1 channel, BNC(200-3000mV, 5KΩ)		
	Bidirectional Talk	1 channel Input, RCA(200-2800mV, 30KΩ)		
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		
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		
	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	3 channel		
Playback & Backup	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 File, 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 / 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		
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk	Hard Disk	2 SATA ports, Max 3TB 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, 2 for backup		
	RS232	Keyboard, PC communication		
	RS485	PTZ control		
Environmental	Power Supply	DC12V/3.3A		
	Power Consumption	15W		
	Working Environment	-10°C ~ +55°C / 10 ~ 90%RH / 86 ~ 106kpa		
	Dimension (W×D×H)	1U, 375mm×285mm×45mm / 14.8"×11.2"×1.8"		
	Weight	2.35KG / 5.2Lb (without HDD)		

All logos & trade marks represent the registered users only. All rights reserved.
All product specifications on this brochure are subject to change without notice.

CANADA:
351 Ferrier Street, Unit 5
Markham, ON L3R 5Z2
Toll Free: 1-866-843-6865
Tel: 416-410-6865
Fax: 1-866-331-3341

USA:
700 Ensminger Rd. Suite 104
Tonawanda, NY 14150 USA
Toll Free: 1-866-843-6865
Local: 1-716-877-7277
Fax: 1-866-331-3341

info@watchnetdvr.com
www.watchnetdvr.com

INDIA:
C-48, DDA Shed, Ground Floor
Okhla Industrial Area, Phase I
New Delhi-110020
Tel: +91 11 26816005
Fax: +91 11 26816006

UAE:
P O Box No 126312
Dubai, UAE
Tel: + 971 4 3584458
Fax: + 971 4 3584458
Mobile : + 971 50 5869290