



WatchNET

Integrated Digital Technologies



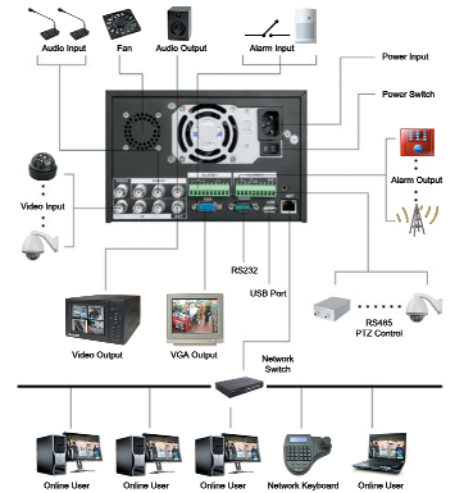
E-12004RT-ATM / E-12004RTD-ATM



Features:

- ❖ H.264 compression algorithm ideal for standalone DVR
- ❖ Pentaplex function: live, recording, playback, backup & network access
- ❖ Dual encoding streams support, flexible for network transmission
- ❖ Built-in 5.6" color high resolution LCD (Only SD model support)
- ❖ Smart video detection: motion detection, camera blank, video loss
- ❖ Smart camera settings: privacy masking, camera lock, color setting and title display
- ❖ Speed Dome, 3D intelligent positioning function supported
- ❖ Easy backup methods: USB devices, CD-RW/DVD-RW & network download
- ❖ Alarm triggers screen tips, boozer, PTZ movement, e-mail & FTP upload
- ❖ Smart HDD management: non-working HDD hibernation, HDD faulty alarm, Raid function
- ❖ Powerful network software: built-in web server, multi-DVR client & CMS

Real Time Stand Alone ATM DVR

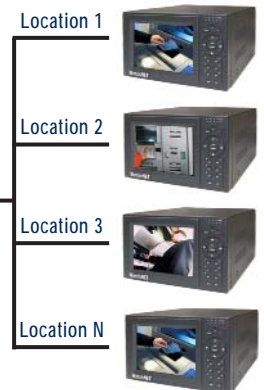


Connection Diagram



Central Monitoring Station Software (Hybrid)

Multisite manager included



www.watchnetdvr.com



Specifications:

System

Main Processor	High performance embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
User Interface	GUI, on-screen menu tips.
Control Device	Front panel, USB mouse, Watchnet network keyboard, IR remote control, network keyboard
Input Method	Numeral/Character/Denotation
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.

Video

Video Input	4 Channel, BNC, 1.0Vp-p, 75Ω		
Video Output	1 channel TV output BNC, 1.0Vp-p, 75Ω 1 VGA output		
Video Standards	PAL(625Line,50f/s),NTSC(525Line,60f/s)		
Video Compression	H.264		
Video Resolution	Format	NTSC	PAI
	D1(4CIF)	704 x 480	704 x 576
	2CIF	704 x 240	704 x 288
	CIF	352 x 240	352 x 288
	QCIF	176 x 120	176 x 144
Video Recording	CIF: PAL 1f/s-25f/s NTSC 1f/s-30f/s; D1: PAL 1f/s-7f/s NTSC 1f/s-7f/s;		
Video Display Split	Full & multiple screen display, 1 / 4 / 8 / 9 / 16		
Tour Display	Support		
Image Quality	1 ~ 6 level (Level 6 is the best)		
Privacy Masking	8 Self-defined four-sided zone for privacy masking for each camera		
Camera Lock	Camera locked for users		
Camera Adjustment	Adjust color according to different time period		
Video Information	Camera title, time, video loss, camera lock, motion detection, recording		
TV Output Adjustment	Adjust TV output color & display zone		

Audio

Audio Input	2 channel, RCA, 200-2800mV, 30Ω
Bi-direction Audio Input	1 channel, BNC, 200-2800mV, 30Ω
Audio Output	1 channel, BNC, 200-3000mV, 5Ω
Audio Compression	G.711

Video Detection & Alarm

Motion Detection	Zones: 396 (226*12) detection zones Sensitivity: 1~6 (level 6 is highest) Trigger recording, PTZ movement, tour, alarm, e-mail & FTP
Video Loss	Trigger recording, PTZ movement, tour, alarm, e-mail & FTP
Camera blank	Trigger recording, PTZ movement, tour, alarm, e-mail & FTP
Alarm Input	4 channel, programmable, ground, manual open/close Trigger recording, PTZ movement, tour, alarm, e-mail & FTP
Relay output	3 channel, 30VDC, 1A, NO/NC, form-C

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Hard Disk

Hard Disk	2 SATA ports, 4 HDDs supported
Space Occupation	Audio: 14.4MB/H Video: 56~400MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)

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 (default: 60 minutes), Pre-record up to 30 seconds, Post-record up to 5 minutes
Overwrite Mode	Support
Raid Function	Support
Search Mode	Time/Date, Alarm, Motion Detection & Card/event, exact search (accurate to second)
Playback	2 channel playback simultaneously, 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/ network download

Network

Interface	RJ-45 Port (10/100M)
Network Functions	TCP/IP, DHCP, DDNS, PPPoE, E-mail, FTP, IP Filter
Remote operation	Monitor, PTZ control, playback, system setting, file download, log information

Auxiliary Interface

USB Interface	2 ports, 1 for mouse control, 1 for backup
RS232	Keyboard, PC communication/Debug
RS485	PTZ control

Environmental

Power Supply	220V 50Hz / 110V 60Hz
Power consumption	25W
Working Temperature	-10° C - +55° C
Working Humidity	10% - 90%
Atmosphere Pressure	86kpa - 106kpa
Dimension	ATM Box, 440mmx460mmx89mm (W*D*H)
Weight	5.0KG
Mounting	Inside ATM or Desktop

Recommended installation areas are Banks, ATM, Cash Counter, POS and where ever data integration is necessary.

All product specifications on this brochure are subject to change without notice.

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