



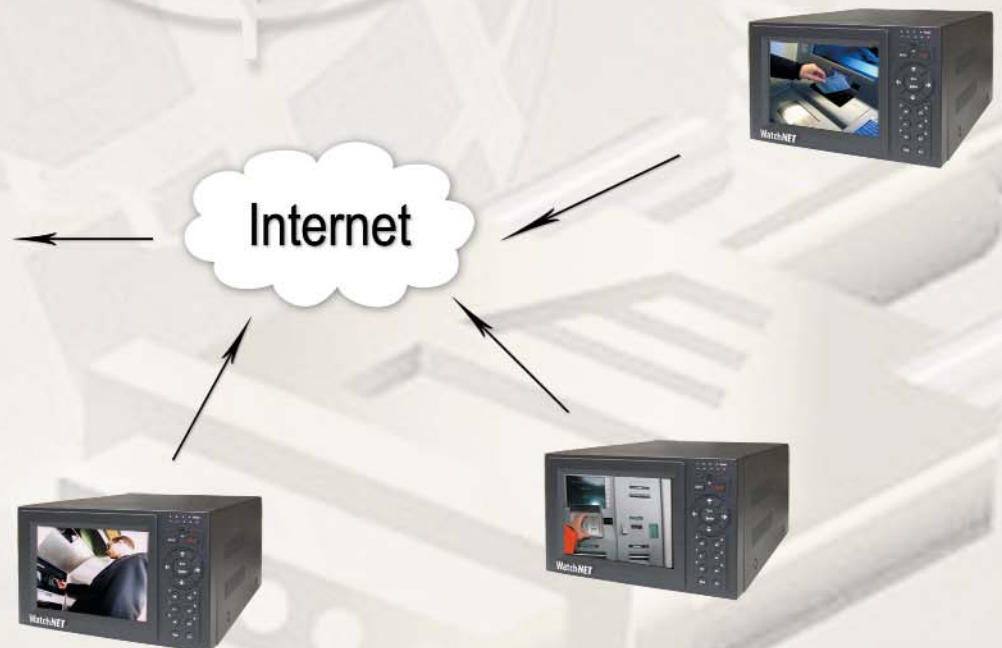
**Real Time  
Stand Alone ATM DVR**



**EMB-12004RT-ATM**

**Features:**

- ❖ H.264 compression algorithm ideal for standalone DVR
- ❖ Real-time live display up to 4 cameras, 100/120 fps recording for CIF
- ❖ Text overlay & Card related search supported
- ❖ Pentaplex function:live,recording,playback,backup&network access
- ❖ 2 HDDs supported & USB CD-RW/DVD-RW supported
- ❖ Multiple control methods: front panel, IR remote controller, keyboard, USB mouse, network keyboard
- ❖ Smart video detection: motion detection, camera blank, video loss
- ❖ Pan Tilt Zoom and Speed Dome Control: more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported. With speed dome, 3D intelligent positioning function supported
- ❖ 3/4 channel audio inputs and bidirectional talk supported
- ❖ Easy backup methods: USB devices, CD-RW/DVD-RW & network download
- ❖ Alarm triggers screen tips, boozler, 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
- ❖ Network access for remote live viewing, recording, playback, setting, system status, event log, e-mail & FTP function
- ❖ Able to overlay text and search database for Card , Transaction No. Amount,etc.
- ❖ Can work with Dibold and NCR protocols



## 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, keyboard, IR remote control, network keyboard,.
Input Method	Numeral/Character/Denotation
System Status	IDE status, data stream statistics, log record, bios version, on-line user etc.

### Video

Video Input	3/4 Channel, BNC, 1.0Vp-p, 75?, looping (optional)		
Video Output	2 channel TV output BNC, 1.0Vp- p, 75; 1 VGA output		
Video Standards	PAL(625Line,50f/s),NTSC(525Line,60f/s)		
Video Compression	H.264		
Video Resolution	Format	NTSC	PAI
	CIF	352 X 240	352 X 288
Video Recording	CIF: PAL 1f/s-25f/s NTSC 1f/s-30f/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	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, BNC, 200-2800mV, 30K
Bi-direction Audio Input	1 channel, BNC, 200-2800mV, 30K
Audio Output	1 channel, BNC, 200-3000mV, 5K
Audio Compression	ADPCM

### Video Detection & Alarm

Motion Detection	Zones: 192 (16*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

### Hard Disk

Hard Disk	2 IDE 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)
Overwrite Mode	Support
Raid Function	Support
Search Mode	Time/Date, Alarm, Motion Detection & 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/ built-in IDE Burner/ network download

### Network

Interface	RJ-45 Port (10/100M)
Network Functions	TCP/IP, DHCP, DDNS, PPPOE, E-mail, FTP
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
RS485	PTZ control

### Environmental

Power Supply	220V 50Hz / 110V 60Hz
Power consumption	25W/30W/40W
Working Temperature	0 - +55
Working Humidity	10%-90%
Atmosphere Pressure	86kpa-106kpa
Dimension	2U, 440mmx460mmx89mm (W*D*H)
Weight	7.0KG
Mounting	Desktop or rack

*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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