

LTA-RT4 Class Digital Video Recorder

PENTAPLEX, REAL-TIME, FEATURE-RICH, EASE OF USE

Product Features

- H.264 Hardware Compression
- 4 Video Inputs, 4 Audio Inputs
- Pentaplex
- CIF Real-Time Recording
- Up to 120 Frames per Second
- Ease of Use
- VOIP
- USB Drive Support for backup
- Complete Remote Access
- Up to 1 Terabytes Internal Storage
- 3d Intelligent PTZ Control
- Independent Channel Configuration
- VGA Included
- Central Monitoring Software



The LTA-RT4 digital video recorder is the ultimate in digital surveillance technology. The DVR's very high performance, feature-rich, and ease of use functionality combine to create one of the best standalone systems on the market today.

The LTA-RT4 is a digital video recorder utilizing H.264 hardware compression DSPs. The LTA-RT4 can push real-time video and audio recording at CIF resolution on every channel or 7.5 FPS at a full 4CIF(D1) resolution on every channel.

The ease of use in this DVR is amazing. Simply plug it in and it begins recording. Mouse control provides very simple point-and-click settings and control. In addition, the unit also includes an IR remote. 4 channel simultaneous playback can be done via the web interface or client software.

Remote viewing, playback, configuration, upgrade, reboot, and backup are all standard on the LTA-RT4. The embedded web server enables users to perform all these remote function via an Internet Explorer web browser, eliminating the need to install software. Client software is also included for central monitoring and alerts for multiple LTA-RT4 units. Two-way voice talk and audio over the Internet is also standard on the LTA-RT4.

There are too many features to list, but some of the following include: 10 simultaneous network users, FTP record/backup, DDNS support, 3D intelligent PTZ control, power failure auto-recovery, user management and much more.

Full featured 3rd generation digital surveillance technology utilizing a Linux embedded OS, embedded web server, and DSPs bring together the most powerful network-based digital video recorder available without sacrificing usability.

TECHNICAL SPECIFICATIONS

MODELS

LTA-RT4 Standard 4ch unit

GENERAL

Video Inputs 4 inputs, 1.0Vp-p, 75Ω unbalanced
Video Outputs 1 Main Monitor
1 Spot Monitor
1 VGA
Audio Inputs 4 audio inputs (200-2800mV, 30KΩ)
Audio Outputs 1 audio output (200-3000mV, 5KΩ)
Voice Interface 1 (200-2800mV, 30KΩ)
Audio Compression G.711, 64kbps ADPCM (VOIP standard)
Video Compression H.264
Preview Resolution NTSC: 704 x 480 (4CIF)
Compression Resolutions NTSC: 704 x 480 (4CIF)
NTSC: 352 x 240(CIF)
Color 16.7 Million
Stream Type Video or Video/Audio
Bit Rate 56kbps ~ 2Mbps (user-defined), variable
Recording Frame Rate CIF Resolution: 30 frames/sec/channel
4CIF Resolution: 7 frames/sec/channel
Record Quality Highest, Higher, High, Average, Low,
Lower, Lowest
Record Mode Schedule, Motion, Alarm (simultaneous or
combination)
Playback Mode Date/Time Search or Event Search
Operation Mode Pentaplex (simultaneous monitor, record,
playback, network, and backup)
Motion Detect Area Division: 22 x 15, on/off selectable
Motion Detect and Relay On Simultaneous
Privacy Masking Alerts Yes
View Tampering Alerts Yes
Network Function Internet Explorer and Client Software
Alarm 4 Alarm Inputs / 3 Relay Output
Back-up USB / Network
RS485 Keyboard Controller / PTZ
HDD Interface 1 SATA.
HDD Management Hibernation, HDD faulty alarms
VGA Interface 1, Support 800×600/60Hz, 800×600/75Hz,
1024×768/60Hz

MECHANICAL

Video Inputs BNC female
Video Output BNC female
Monitor Output BNC female
Audio Inputs BNC female
Audio Output BNC female
Alarm Inputs Screw Terminals
Alarm Outputs Screw Terminals
RS485 Screw Terminals
Network RJ-45 10M/100M UTP
VGA 15-pin D-sub female
RS-232 9-pin D-sub male
USB USB 2.0 Type A port
IR Remote Controller Standard, Addressable
Voice Interface RCA female

ELECTRICAL

Power Requirements 110V 60 Hz, 220V 50Hz
Power Consumption 25W (without HDD)

ENVIRONMENTAL

Operating Temperature 32° to 131°F (0° to 55°C)
Operating Humidity 10-90% RH Max.

PHYSICAL

Dimensions 375mm x 285mm x 45mm (WxDxH)
Weight 7.165 lbs
Shipping Weight 10 lbs approx.

OPTIONAL ACCESSORIES

N/A