



# ICT 510 Video Server

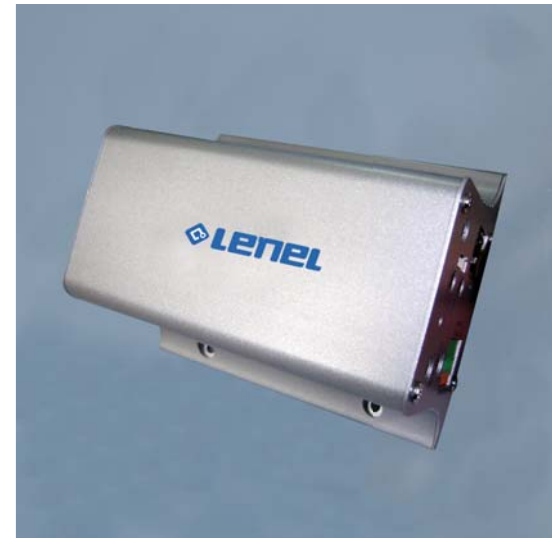
## Overview

### ICT 510 Single Channel AV Server

The ICT 510 single channel audio/video server supports full D1 resolution coupled with a true de-interlaced filter to produce brilliant, artifact-free video. Owing to state-of-the-art MPEG-4 (video) and synchronized ADPCM (audio) encoding, the ICT 510 provides superior video quality and improved network performance. The ICT 510 outperforms the competition, when compared with other audio video server using still picture encoding technology such as MJPEG or Wavelet. The ICT 510 provides superior cross bit rate encoding technology, ixBR Control®, which delivers powerful bandwidth control. Using ixBR, digital video streams more fluidly because the data is encoded and streamed at a constant rate, yet it retains all the rich data of variable bit rate encoding!

## Key Features

- MPEG-4 video compression
- Supports video frame rates of up to 30 fps
- Full D1 resolution with de-interlaced filter
- Bidirectional G7.11 audio communication
- Synchronized one channel audio and video data transmission
- Intelligent bit rate control for various network environments
- Enhanced image quality
- MPEG-4 and JPEG dual streaming for mobile network
- Embedded streaming server
- Embedded Web server
- Motion-detected and event-triggered alarm processing
- Remote PTZ control via RS-485
- Sensor-triggered one alarm input and one relay output
- Wide range of network protocols supported
- System time management
  - RTC with Time Server synchronization
- Security support
  - User authentication
  - Encrypted streaming data for additional security (selectable)



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## Resolution

- NTSC: 30 fps
- PAL: 25 fps
- NTSC: 704x480, 356x240, 176x120
- PAL: 704x576, 352x288, 176x144

## Power and Ethernet

- PS Input Voltage: 100~250 VAC 50-60 Hz
- PS Output : +12 V @ 1.3 A
- Server Input: 7~23 VAC
- AC Power Cable: 250 VAC, 10~16 A
- Power Consumption: 8 watts maximum
- Ethernet: 10/100Base-T

## Front and Rear View



Front View

Rear View

## Package Contents

- Server
- Regional Specific Power Supply with PoE injector
- Power Cords
- CD-ROM with Software & User Guide

## PC Requirement Remote Viewing

(minimum)

- P-4 1.2 GHz Processor
- 256 MB RAM
- Windows 2000, Windows XP Professional / Home
- IE 5.5
- Video Monitor Minimum Resolution: 1024 x 768
- Ethernet: 100Base-T

## Environment (indoor use only)

### Temperature

5~50 °C (41~122 °F) Optimum  
-20~60 °C (-4~140 °F) Endurable

### Humidity

8~80% RH Optimum  
0~90% RH Endurable

## Certifications

- UL
- FCC
- CE
- CCC
- RoHS