

RTotal VRRecall

Voice Recorders
Competitively priced solutions...

Linux Omnia



Professional Audio Logging and Call Recording Systems

VoIP : Analogue : Radio : ISDN : RTP

High Capacity : Ultimate Reliability : Maximum Flexibility

Total Recall VR LinX Omnia

*The ultimate voice logging
system for mission-critical
communications*



Total Recall VR **LinX Omnia** provides a professional, robust and highly configurable rack mounted voice logging solution for larger capacity, enterprise-critical analogue, VoIP, RTP, radio and ISDN recording applications.

LinX Omnia is equally popular with enterprises, governments, public utilities (including Airports and Rail) and military across the globe.

The most powerful system in the Total Recall VR range, **LinX Omnia** offers unprecedented levels of hardware redundancy, reliability, and interface flexibility. When you need the best and most secure call recording system on the market, you need Total Recall VR **LinX Omnia**!

- ✓ 60 Simultaneous Analogue Channels,
- ✓ 60 Simultaneous VoIP/RTP Channels,
- ✓ 60 Simultaneous ISDN Channels, or
- ✓ 60 Simultaneous Analogue Channels PLUS an additional 60 VoIP or ISDN Channels (in Hybrid Recording Mode).

- ✓ Up to 380,000 Hours (700,000 individual calls) on-board, RAID-1 mirrored, swappable AV-GP 1TB SATA HDD Storage.

- ✓ Multiple hard drive options (Higher-Capacity and/or SSD HDD) for special installations or vehicle-mounted applications.

- ✓ Archive to CD/DVD/Blu-ray, USB devices, and Network Storage (NAS).
- ✓ 450 + 450 W Dual Hot-Swap PSU.
- ✓ Built-in Colour LCD Control Panel with keypad.
- ✓ 220 (H) x 480 (W) x 420 (D) mm (5RU).

- ✓ Remote Management and Record on Demand (PCI DSS compliant) PC applications are included.

- ✓ Used in some of the most demanding environments worldwide: Military, Vehicle-Mounted, Air Traffic Control recording (ATC), major Emergency Services (E-911) and more...

Total Recall VR - The **Total** Solution to your Voice Logging Requirements

Professional, Flexible, Robust Voice Logging for Phone and Radio

In an increasingly security conscious, litigious and results-driven world, call recording and monitoring is vital to meeting your safety, duty of care and management needs. Total Recall VR **LinX Omnia** is the fully featured, dedicated and professional voice logging system to match your requirements. Uncompromisingly reliable, and with flexible hybrid recording options, Total Recall VR **LinX Omnia** is perfect for recording, archiving, searching and replaying your critical phone and radio communications.

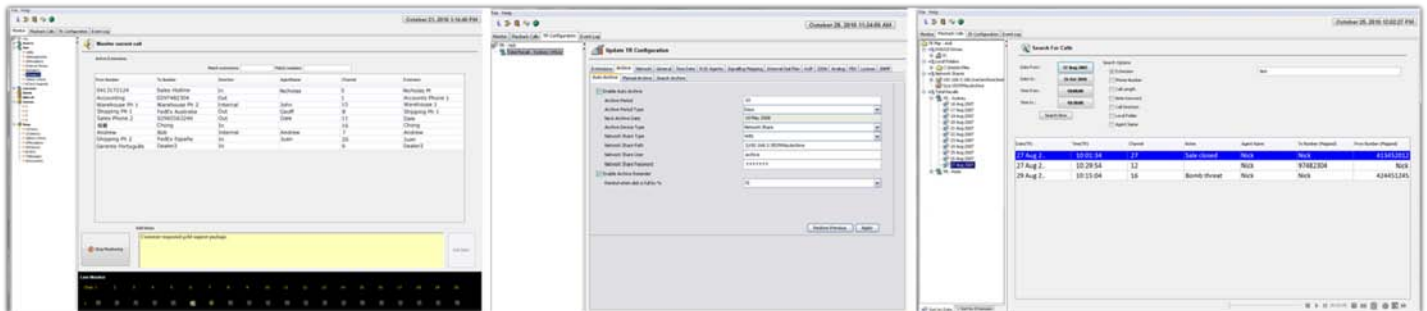
Fast & Convenient Access with Simple GUI and Navigation

Live monitor, search and replay calls from the built in control panel on **LinX Omnia**, featuring simple navigation keys and a big, bright 130 x 97mm TFT LCD display. Your solution can be managed from the control panel via three menus (Logging, Search and Options) and four simple navigation keys. Call replay control keys (play/pause, fast forward, rewind, and stop) are also included. Alternatively, all unit functions and configuration can be managed via your network and **Remote Manager** - PC software included at no additional cost with your Total Recall VR **LinX Omnia** system.

Reliable and Fault Tolerant, Multiple Long-Term Archive Options

Total Recall **LinX Omnia** is custom engineered for voice logging, offering superior reliability compared to PC based systems. We combine numerous on-board hard drive storage options (including RAID-1, AV-GP or SSD storage), together with the security, speed and reliability of an enterprise-grade UNIX operating system. Store up to 380,000 hours or 700,000 call records on board (with HQVQ/SPEEX compression) to mirrored RAID hard drives, and archive calls automatically or on-demand to inexpensive CD, DVD or Blu-ray media, network-attached storage or USB device.

Convenient and Powerful Windows PC Client Software Included



All unit configuration, live monitoring, search and replay functions may be performed from the convenience of your Windows PC, via a TCP/IP network. Copy calls from your Total Recall system or archive discs to your computer, or email calls in MP3, WAV, or secure TRC formats.

Remote Manager may also be used to add notes to calls in real time, which can later be used as a search parameter in conjunction with time, date, channel, extension, call direction, number calling or calling number (where transmitted).

Record Everything – Combine Analogue and VoIP Telephones, Radios, RTP Streams, Intercoms and More...

LinX Omnia can record up to 60 simultaneous analogue channels from any line-level audio source - telephones, 2-way radio, intercoms etc. Inputs are standard modular audio jacks that are compatible with a wide range of easily available accessories. Additionally, record up to 60 VoIP channels, RTP streams, or ISDN channels in any combination.

Continuously live monitor by extension, or search and replay completed calls with ease. All functions are available via the built-in control panel, or from the comfort of your PC via Remote Manager. Configurable Record-on-Demand functionality (PCI DSS compliant) gives users the option to record or discard current calls, or even to partially record calls if required. Record all calls, or between user-defined times.

Proven in thousands of installations worldwide, Total Recall is the professional and cost effective choice in voice logging systems and services, for all enterprise, government and military requirements.

LinX Omnia Specifications:

Analogue

Hi-Z FXS/FXO 2-wire interface
 Caller ID detection: FSKR, DTMF
 Digit detection: DTMF

VoIP

SIP over UDP (RFC3261, RFC2976, RFC2833).
 SDP (RFC3264).
 H.323 over UDP or TCP (ITU-T H.323, ITU-T H.225, ITU-T H.245).
 RTP (RFC 3550).

ISDN

ISDN PRI (ITU-T Q.931, National ISDN 1 and 2, Nortel DMS 100, AT&T 4ESS, Lucent 5ESS, Euro ISDN)

Voice Encoding

HQVQ, 8000Hz, 7.9Kbps, mono
 SPEEX Q8, 8000Hz, 15Kbps, mono
 MPEG Audio Layer-3 (MP3), 8000Hz, 24Kbps, mono
 G.711 A-law, 8000Hz, 64Kbps, mono
 G.711 U-law, 8000Hz, 64Kbps, mono

Audio File Formats

Total Recall VR (.trc)
 Microsoft Wave (.wav)
 MPEG Audio Layer-3 (.mp3)

Display

130 x 97mm Colour TFT backlit LCD display

Maximum Channel Capacity

Single-Interface Mode: 60 analogue channels, 60 ISDN Channels, or 60 VoIP Channels.

Hybrid mode: 60 analogue channels PLUS 60 simultaneous VoIP or ISDN recording channels, in any combination.

Analogue Recording Trigger

Off-hook – 6 voltage levels: 30V, 25V, 20V, 15V, 10V and 5V.
 VOX – 6 signal levels: -20dB, -24dB, -28dB, -32dB, -36dB and -40dB

VoIP Recording Trigger

SIP session.
 H.245 call.
 Unicast RTP Stream.
 Multicast RTP Stream.

ISDN Recording Trigger

Q.931 call

Recording PIP Tone

1.4KHz. Analogue channels only.
 Channel & level selectable.

Operating System

Linux CentOS 5.7

On-board Storage

Dual AV-GP SATA (RAID-1) Hard Drives: up to 380,000 hours of call storage.

On-board Archive Device

CD/DVD/Blu-ray Drive (Supports CD-R, DVD+RW and BD-RE media)

External Archive Device

TCP/IP Network Drive: 250,000 records per archive session, up to storage limit.
 USB Storage Device (USB key, USB HDD).

Network Interface

2 x 1000 Mbps Ethernet
 RS232 for modem (57Kbps)
 Time Synchronisation via NTP
 Alarm Interface via SNMP
 SMDR Interface via TCP/IP

Audio Interface

Built in speaker
 Line-out jack – 3.5mm
 Headphone jack – 3.5mm

Construction

Zinc passivated steel with powder coated face

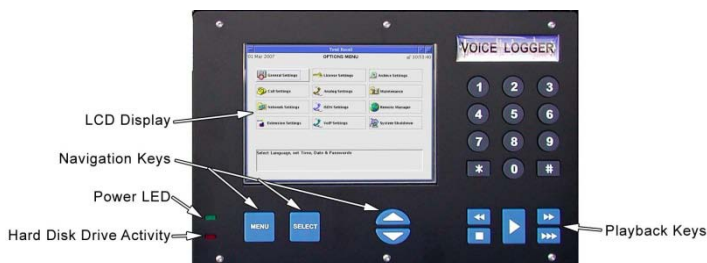
Dimensions & Weight

220H (5U) x 480W x 420D mm / 25Kg

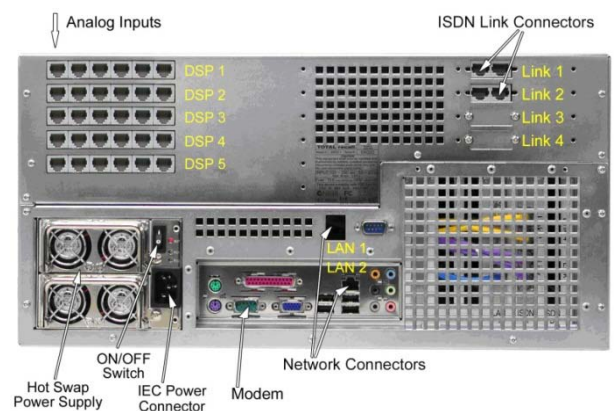
Power Supply

Hot-Swap Auto Sensing 450W + 450W

All Specifications Subject To Change Without Notice



Total Recall VR LinX Omnia: Control Panel



Total Recall LinX Omnia: Rear View

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