Omnia Professional Audio Logging and Call Recording System

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, OR;
- 60 Simultaneous VoIP/RTP Channels, OR;
- 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 included.

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

Prolancer Pty Ltd
2/34a Olive Street, Kingsgrove 2208, NSW, AUSTRALIA
www.totalrecallvr.com | trvr@prolancer.com.au | +61 2 8065 0966|
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.

For more information, see www.totalrecallvr.com or email trvr@prolancer.com.au

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**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.

**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-0) 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 100Mbps 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*