

# TotalRecallVR LinX Altus

Versatile stand-alone appliance for hybrid large capacity analogue and IP audio logging and call recording in a narrow rack mount enclosure.

- ✔ 72 analogue & 30 (or 90) IP recording channels
- ✔ 60,000 audio hours recording storage at 64Kbps
- ✔ 500,000 recordings DB storage
- ✔ 3 activation licenses for PC applications
- ✔ 2 years warranty



- ✔ Reliable
- ✔ Affordable
- ✔ Secure
- ✔ Hybrid

Easily and securely record:

## Telephones

Record analogue and IP (SIP, SIPrec, Cisco® Built in Bridge (BiB) and H.323) telephones.

## 2-way Radio

Record analogue, RoIP, DMR, P25, NXDN radios and consoles (Omnitronics® RoIP, Tait® VRP and Hytera® HDAP, Zetron® RoIP).

## Intercoms

Record analogue and IP (AoIP, SIP, SIPrec, RTSP) intercoms and emergency help points.

## Broadcast Radio

Record analogue and IP (RoIP, SIP, RTSP) public broadcast radio.

## Public Address

Record analogue and IP (AoIP, SIP, SIPrec, RTSP) public address and announcement systems.

## Air Traffic Control

Records analogue and IP (ED-137, VoIP, RTSP) air traffic management (ATM) and control (ATC) systems.



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- ✓ 3 activation licenses for PC applications
- ✓ 2 years warranty (3, 4 or 5 years optional)
- ✓ Complementary firmware upgrades
- ✓ Complementary support
  
- ✓ Reliable Intel® & Linux® based platform
- ✓ Tamper proof file format
- ✓ Export to .mp3, .wav, .spx, .afic, .au ...
- ✓ Monitor, replay, reconstruct, search ...
- ✓ Choice of 10 value-add PC applications
- ✓ Multi-level access control
- ✓ APIs: REST, Java RMI, SIP, RTSP ...
- ✓ On-board network, USB and disc archiving
- ✓ NTP clock, SNMP alarms, SMDR integration
  
- ✓ Rack mount form factor: 220 x 480 x 230mm
- ✓ Zinc passivated & powder coated steel
- ✓ Integrated 7" colour LCD screen
- ✓ Integrated keyboard
- ✓ Integrated 2W speaker
- ✓ Line out and headphones jack (TRS, 3.5mm)
- ✓ AV-GP disk
- ✓ 2 x gigabit network interfaces
- ✓ 0°C to 60°C operating temperature
- ✓ 100-240VAC power supply
  
- ✓ Processor upgrade option (up to 90 IP channels)
- ✓ Solid state disk (SSD) option
- ✓ Dual hot-swap power supply option
- ✓ 12, 24 and 48VDC power supply option
- ✓ RAID disk & Replicator option
- ✓ AMBE decoder option
- ✓ 2x audio storage option

### ☑ Analogue Recording Interface

- Capacity: up to 72 channels
- Interface: 2 wire, RJ12, 2 channels per connector
- Input impedance: >20K $\Omega$
- Input level: -7dBm to -46dBm
- Total harmonic distortion: <2%
- Signal to noise ratio: -36dB
- CID detection: FSKR, DTMF
- Digit detection: DTMF
- Ring detection
- Automatic gain control
- Voice encoding:
  - HQVQ, 8000Hz, 7.9Kbps, mono
- Frequency range: 300-3400Hz
- PIP tone: 1.4KHz, 4 levels
- Recording trigger:
  - Off-Hook : 6 VDC levels (5 to 30V)
  - VoX: 6 signal levels (-20dBm to -40dBm)
  - Manual: on/off, via API

### ☑ IP Recording Interface

- Capacity: up to 30 concurrent sessions, or 90 concurrent sessions with a processor upgrade option
- Interface: Ethernet, 2 x 1GBps, RJ45
- Protocols: SIP, SDP, RTP, SIPrec, Cisco<sup>®</sup> BiB, H.323, RTSP, ED-137, Tait<sup>®</sup> VRP, Hytera<sup>®</sup> HDAP, Omnitronics<sup>®</sup> RoIP, Zetron<sup>®</sup> RoIP
- Voice encoding:
  - G.711, 8000Hz, 64Kbps, mono
  - AMBE, 8000Hz, 2450bps, mono
  - PCM, 8000Hz, 128Kbps, mono
- Passive packet capture: via SPAN port
- Active packet capture: TCP, unicast & multicast UDP