



Classic Rack



Professional Audio Logging and Call Recording Systems

VoIP : Radio : Analogue

On-Board LCD Control Panel + Remote PC Management



Total Recall VR Classic Rack

*The reliable voice logging
solution for mission-critical
communications*



In an increasingly security conscious, litigious and results-driven world, call recording is an essential tool for many businesses and governments worldwide.

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

Combining ease of use and 24/7 reliability in a feature-packed and robust enclosure, Total Recall VR **Classic Rack** is equally popular with enterprises, governments, public utilities (including Airports and Rail) and military across the globe.

- ✓ 60 Simultaneous Analogue Channels;
- ✓ 8 Simultaneous VoIP Channels;
- ✓ 8 Simultaneous Analogue Channels PLUS an additional 8 VoIP Channels (in Hybrid Recording Mode).
- ✓ Up to 380,000 Hours On-board AV-GP 1TB SATA HDD Storage.
- ✓ Multiple hard drive options (AV-GP, Higher-Capacity and/or SSD HDD) for special installations or vehicle-mounted applications.
- ✓ Single 180W PSU
- ✓ Optional Dual Hot-Swap PSU.
- ✓ 220 (H) x 480 (W) x 230 (D) mm (5RU).
- ✓ Archive to CD/DVD, USB devices, and Network Storage (NAS).
- ✓ Optional Blu-ray archive drive.
- ✓ Built-in Colour LCD Control Panel & keypad.
- ✓ Remote Management and Record on Demand (PCI DSS compliant) PC applications included.
- ✓ Seamless integration with analogue, SIP & H.323 systems from major telephony, radio and console vendors.
- ✓ Used in some of the most demanding environments worldwide: Military, Vehicle-Mounted, Air Traffic Control recording (ATC), major Emergency Services (E-911) and more...



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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 **Classic Rack** 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 **Classic Rack** is perfect for recording, archiving, searching and replaying your critical phone, radio and console communications.

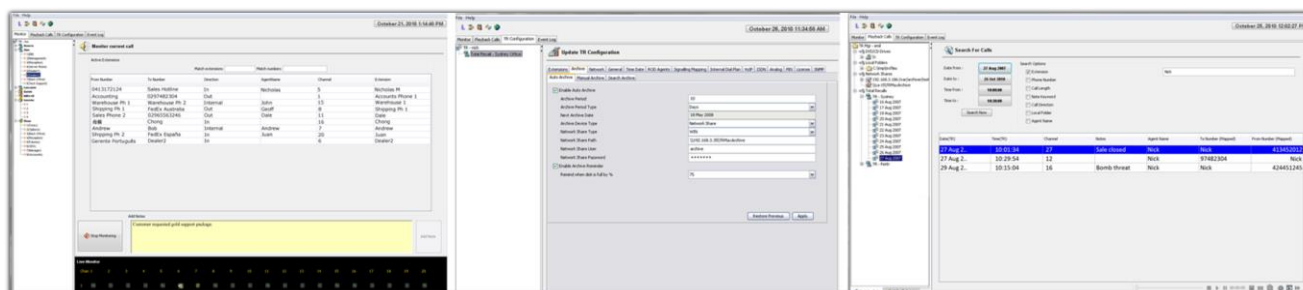
Fast & Convenient Access with Simple GUI and Navigation

Live monitor, search and replay calls from the built in control panel on **Classic Rack**, 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 **Classic Rack** system.

Reliable and Fault Tolerant, Multiple Long-Term Archive Options

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

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 VR 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...

Classic Rack 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. Alternatively, record up to 8 simultaneous SIP or H.323 VoIP channels, or mix-and-match up to 8 analogue channels with 8 VoIP channels. Record by voltage detection, VOX detection and Record-on-Demand.

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 VR is the professional and cost effective choice in voice logging systems and services, for all enterprise, government and military requirements.

Classic Rack Specifications:

Operating System

Linux CentOS 5.7

Analogue Inputs

Hi-Z FXS/FXO 2-wire interface.

Caller ID detection: FSKR, DTMF

Digit detection: DTMF

VoIP Inputs

SIP over UDP (RFC3261,

RFC2976, RFC2833)

H.323 over UDP or TCP (ITU-T

H.323, ITU-T H.225, ITU-T H.245)

SDP (RFC3264)

RTP (RFC 3550)

Jacques Electronics SIP

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)

Channel Capacity

Up to 60 analogue channels

or

8 analogue + 8 VoIP channels

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

Recording PIP Tone

1.4KHz. Analogue channels only.

Channel & level selectable.

On-board Storage

SATA HDD: 380,000 hours if using

HQVQ or SPEEX.

On-board Archive Device

CD/DVD Drive (Supports CD-R and

DVD+RW media).

Optional Blu-ray drive (Supports BD-

RE media)

External Archive Device

Network Drive: 250,000 records per

archive session, up to storage limit.

USB Port for archiving to USB Key,

External USB device: USB key, HDD,

etc.

On Board Display

135 x 100mm Colour TFT backlit LCD display

Network Interface

2 x 100Mbps Ethernet.

Time Synchronisation via NTP

Alarm Interface via SNMP

SMDR Interface via TCP/IP (multiple vendors supported)

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 230D mm /10Kg

Power Supply

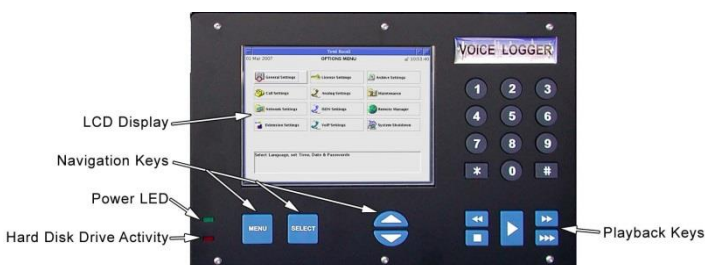
90 – 260 VAC, 50 – 75Hz

Optional dual hot-swap PSU

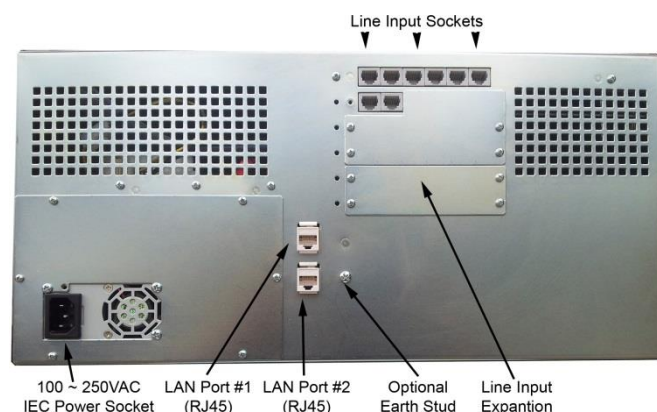
Maximum Power Consumption

80W

All Specifications Subject To Change Without Notice



Total Recall VR Classic Rack: Control Panel



Total Recall Classic Rack: Rear View