



Digital terrestrial TV and MHP interactivity at low-end cost.

i-CAN™ **2000T**

i-CAN 2000T is Advanced Digital Broadcast's (www.adbglobal.com) latest innovative MHP digital receiver that delivers DVD quality terrestrial TV and a full range of interactive services, rapidly and reliably.

This unique set-top box offers great value for money and therefore enables a majority of households to experience and enjoy the world of interactive digital home entertainment.

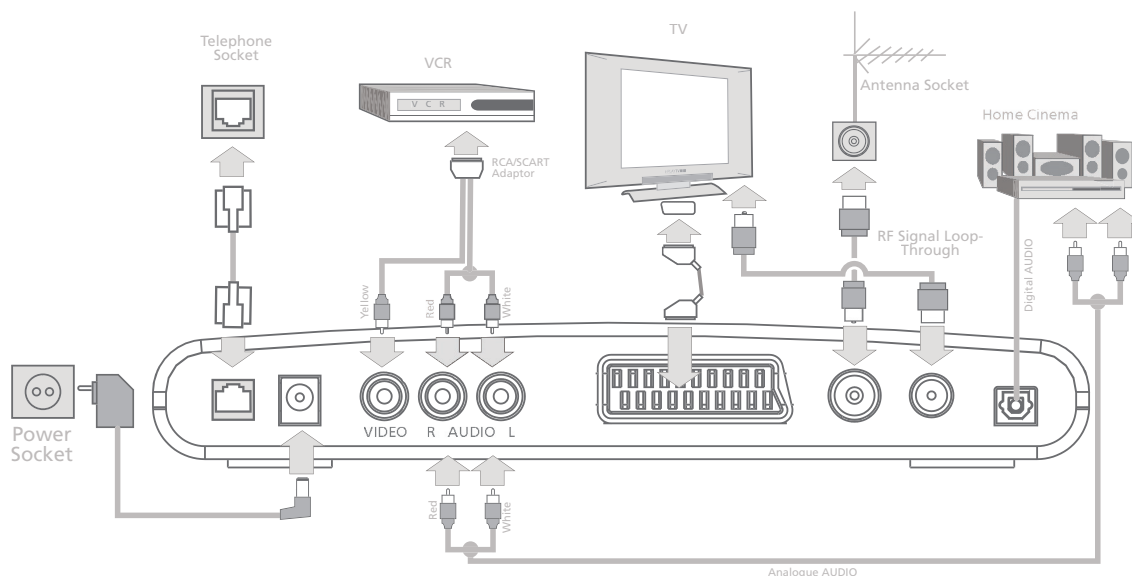
Don't let its size mislead you: the new i-CAN 2000T is equipped with a state-of-the-art MPEG2 processor and impressive memory resources. It includes a PSTN V.92 modem return channel and a smart card reader for accessing personalized services. Connections to TV set, VCR and Home-Cinema amplifier are all standard features.

Following the DVB-MHP 1.0.x standard, i-CAN 2000T incorporates the award-winning MHP implementation from Osmosys (www.osmosys.tv) for supporting interactive applications.

Additionally, the set-top box includes a software loader for remote upgrades, allowing future services to be downloaded into the box over the air.

Main Features

- Competitive pricing
- DVB-Terrestrial
- DVB-MHP 1.0.x
- Powered with STi5516 MPEG-2 processor
- 40 MB SDRAM, 8 MB Flash
- PSTN V.92 modem return channel
- Single smart card
- Software upgradeable via remote download
- TV, VCR, Home-Cinema connections
- Compact: small and elegant casing



01 Digital Terrestrial

02 MHP Interactive TV

03 Over-The-Air software upgradeable

Set-TopBox Technical Specification

System:

- Front-end: DVB-T
- Powered by STi5516 CPU
- FLASH memory: 8 MB
- RAM memory: 40 MB

Connectivity:

- Antenna In
- Antenna Out for analogue TV programs
- TV SCART
- 3x RCA (video + stereo audio)
- Optical S/PDIF digital audio output
- V.92 Modem for interactive services and connection to Internet
- Smart Card reader
- DC input from external power supply

Video:

- MPEG-2 MP@ML
- Video rate: 1.5 – 15 Mbit/s
- Formats: 4:3, 16:9 with Pan & Scan, Letterbox
- Graphics: 16 bit OSD, up to 720 x 576 pixels

Audio:

- MPEG-1 audio layer I & II
- Mono, Dual Mono, Stereo, Joint Stereo
- AC-3 pass through S/PDIF

Conditional Access System (CAS):

- Support for major CAS
- Smart Card reader

Software:

- DVB MHP 1.0.x
- Loader for Over The Air software upgrades
- Teletext on VBI, DVB subtitles
- Customized features e.g. Channel Banner, Now/Next Navigator, Parental Control, Electronic Program Guide, etc.

Accessories:

- Remote control with batteries
- External power supply unit: 12V DC, 1.5A
- Audio/Video cables
- User documentation

Reliability & Compliance:

- Fully DVB compliant
- Quality according to EU norms, CE marking
- MTBF: 50 000h

General Data:

- Dimensions: 22w x 17d x 4.5h cm
- One LED (On / Standby / RCU key pressed)
- Power consumption in ON mode: max 8 W
- Power consumption in stand-by: max 4 W

01 Smart Card reader

02 PSTN V.92 modem

03 Home-Cinema output

This specification is subject to improvement and change without notice.