ADB-2500W

Standard definition IPTV set-top box

![ADB logo]

HIGHLIGHTS

Home networking capable

Compatible with leading IPTV middleware solutions

Ethernet, USB 2.0

ADB. INSPIRING HYBRID PAY-TV

ADB-2500W

Standard definition IPTV set-top box

The ADB-2500W is our entry level, interactive, digital set-top box and an integral component of a multi-room home network. The ADB-2500W can connect directly to any ADB Digital Video Recorder to access videos, with full DVR control including scheduling and managing your programs.

This is your all purpose IP set-top, capable of displaying standard definition television transmissions across all industry standard compressions, including MPEG-2 and MPEG4/H.264 Advanced Video Coding.

Compatible with the industry's leading conditional access, digital rights management and middleware technologies, the ADB-2500W is a great value.

TECHNICAL SPECIFICATIONS

TV Reception
- IPTV

System Resources
- FLASH memory: Up to 68MB
- RAM memory: Up to 128MB (DDR)

Software
- Linux , Mozilla Browser
- ADB JavaScript API for IPTV and DVB
- Selection of IPTV middleware
- Advanced Graphical User Interface
- Electronic Program Guide

IP Protocols & Standards
- IGMP2 [RFC 2236]
- GMP3 [RFC 3376]
- RTSP [RFC 2326]
- RTP [RFC 3550]
- PPPoE [RFC 2516]
- SIP [RFC2543]
- NTP [RFC 1305]
- SSL 3.0
- TLS 1.0 [RFC 2246]
- HTTP 1.1
- HTTPS
- HTTP Authentication [RFC 2617]
- DHCP [RFC 2131]
- HTML 4.01
- Dynamic HTML
- XHTML 1.0
- JavaScript 1.5
- DOM level 2
- CSS level 2
- TR-069/TR-111

Security
- Selection of embedded DRM
- & Conditional Access
- Macrovision™ on SD output
- CGMS-A on analog outputs

Video
- MPEG-1 (SD)
- MPEG-2 MP@ML (SD)
- MPEG-4 p.10 (H.264) MP@L3 (SD)
- H.263 decoding and encoding for video
- telephony
- Video format: 4:3,16:9 with Pan Scan,
- Letterbox
- Resolution: up to 720 x 480
- 32-bit colour for OSD graphics
- and external applications

Audio
- MPEG-1 Layers I, II, III (MP3)
- MPEG-2 Layer 2
- MPEG-2 & MPEG-4 AAC
- WMA-9
- G.7xx for VoIP
- Echo cancellation for VoIP
- Mono, Dual Mono, Stereo, Joint Stereo
- Dolby Digital pass-through to
- external decoder
- Dolby Digital Down-mix

Return channel
- IEEE 802.3 10/100 Ethernet interface

Front Panel
- STB status LED indicators

Back Panel Connectors
- TV 3 x RCA output
- S-Video output
- Digital S/PDIF optical audio output
- USB 2.0
- RJ-45 Ethernet port
- Channel 3 or 4 RF modulator
- DC power intput

Accessories
- Remote Control
- Batteries
- Power Cord with PSU
- Quick Install Manual
- Audio/Video cables (opt.)
- Ethernet cable (opt.)
- User Manual (opt.)

General Data
- Operating temperature range +5 to +40(°C)
- AC input voltage: 90 - 264 V, 50/60 Hz
- Dimensions: 9" x 1.5" x 6"
- FCC, UL & cUL compliance

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