

ADB 2500W

STANDARD DEFINITION IPTV SET TOP BOX

FEATURES

- Home networking capabilities
- Compatible with leading IPTV middleware solutions
- Ethernet, USB 2.0
- Full DVR control
- All purpose IP set-top, capable of displaying standard definition television transmissions across all industry standards



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 (RFC 2543)
- NTP (RFC 1305)
- SSL 3.0

IP PROTOCOLS & STANDARDS CONT.

- 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



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TECHNICAL SPECIFICATIONS

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 color for OSD graphics
- 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

- SB 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 input

ACCESSORIES

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

GENERAL DATA

- Operating temperature range +5 to +40 (°C)
- AC input voltage: 90 - 264 V, 50/60Hz
- Dimensions: 9 x 1.5 x 6 (in.)
- FCC, UL and CUL compliance