

ADB 3800W

HIGH DEFINITION SET TOP BOX

FEATURES

- High and Standard definition both MPEG-2 and MPEG-4/H.264
- Home Networking capable
- Ethernet, USB 2.0 and HDMI™ interfaces
- Can connect directly to ADB digital video recorders enabling access to TV shows, movies, music and photos
- Capable of both high definition and standard definition television



TECHNICAL SPECIFICATIONS

TV RECEPTION

- IPTV

SYSTEM RESOURCES

- FLASH memory: Up to 68MB
- RAM memory: Up to 192MB

SOFTWARE

- Linux, Mozilla Browser
- ADB JavaScript API for IPTV and DVB
- Selection of IPTV middleware
- Compatible with MS Windows CE 5.0 BSP
- Advanced Graphical User Interface
- UPnP Media Player & Server
- Video Telephony
- HDD MP3 Player and Photo Album
- Electronic Program Guide
- Picture in Picture functionality

IP PROTOCOLS & STANDARDS

- IGMP2 (RFC 2236), IGMP3 (RFC 3376)
- RTSP (RFC 2326)
- RTP (RFC 3550)
- PPPoE (RFC 2516)
- SIP (RFC 2543)
- 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



ADB 3800W

HIGH DEFINITION SET TOP BOX

TECHNICAL SPECIFICATIONS

SECURITY

- CGMS-A on analog outputs
- Selection of embedded DRM & Conditional Access
- CGMS-A on HD analog outputs
- Macrovision on SD output
- HDCP on HDMI output

VIDEO

- MPEG-1 (SD)
- MPEG-2 MP@ML (SD), MP@HL (HD)
- MPEG-4 p.10 (H.264) MP@L3 (SD), MP@4.1 (HD)
- MPEG-4 p.2 (XviD)
- H.263 decoding and encoding for video telephony
- MP@LL, MP@ML, MP@HL, AP@L1-3
- Video format: 4:3, 16:9 with Pan Scan, Letterbox
- Up-scaling of SD video on HD output
- Downscaling HD video on SD output
- Resolution: up to 1920 x 1080p
- 32-bit color for OSD graphics and external applications

AUDIO

- MPEG-1 Layers I,II,III (MP3)
- MPEG-2 Layer 2
- MPEG-2 AAC LC and AAC+
- MPEG-4 AAC LC 2-channels/5.1channel, MPEG-4
- AAC+ SBR 2-channels/5.1 channel
- WMA-9, WMA-9 Pro

AUDIO CONT.

- G.7xx for VoIP
- Echo cancellation for VoIP
- Mono, Dual Mono, Stereo, Joint Stereo
- Dolby Digital Plus pass-through to external decoder
- Dolby Digital Down-mix

RETURN CHANNEL

- IEEE 802.3 10/100 Ethernet Interface

FRONT PANEL

- Optional Smartcard slot behind flap
- 8 navigation keys
- 4 segment display
- STB status LED indicators
- USB 2.0

BACK PANEL CONNECTORS

- RF modulator
- TV RCA output
- S-Video Output
- YPbPr high definition output
- HDMI high definition output
- Digital S/PDIF optical audio output
- USB 2.0
- RJ-45 Ethernet port
- DC power input



ADB 3800W

HIGH DEFINITION SET TOP BOX

TECHNICAL SPECIFICATIONS

ACCESSORIES

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

GENERAL DATA

- Operating temperature range +5 to +40 (°C)
- AC input voltage: 90 - 264 V, 50/60Hz
- Dimensions: 11.4 x 2.2 x 8.7 (in.)
- FCC, UL and CUL compliance