

ADB 3721WN

HIGH DEFINITION IPTV SET TOP BOX

FEATURES

- Advanced high-definition set-top box ready for your IPTV service
- Whole home networking on co-ax (HCNA) or copper via DLNA/UPnP
- Supports applications including: VoD, games, 3D and over-the-top video capabilities
- Latest microprocessor technology with rapid-channel change, a very responsive program guide and support for full 1080P
- Includes HomePNA with HCNA interfaces and support of all major conditional access/DRM, and middleware technologies

TECHNICAL SPECIFICATIONS

TV RECEPTION

- IPTV

SYSTEM RESOURCES

- System-on-Chip: Broadcom 7405
- Flash memory: 132MB (128MB + 4MB)
- RAM memory: 512MB (DDR2)

SOFTWARE

- Linux OS, Mozilla Browser
- ADB JavaScript API for IPTV and DVB
- Selection of IPTV middleware
- Advanced Graphical User Interface (GUI)
- UPnP Media Player
- Video Telephony
- HDD MP3 Player & Photo Album
- Electronic Program Guide
- Picture in Picture functionality
- DLNA/Home networking



SECURITY

- Windows Media DRM
- Selection of embedded DRM & Conditional Access
- CGMS-A on HD analog outputs
- Macrovision on SD output
- HDCP on HDMI output
- Secure Video Processor with secure boot chain

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



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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

VIDEO

- MPEG-1 (SD)
- MPEG-2 MP@ML (SD), MP@HL (HD)
- MPEG-4 p.10 (H.264) MP@L3 (SD) and MP@4.1 (HD)
- MPEG-4 p.2 (XviD)
- H.263 decoding and encoding
- H.261 decoding and encoding
- SMPTE VC-1 SP@LL, MP@LL, MP@HL, AP@L1-3
- DivX (3.11,4.1, and 5.x)
- 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/5.1 channel, MPEG-4
- AAC+ SBR 2-channels/5.1 channel
- WMA-9, WMA-9 Pro
- Mono, Dual Mono, Stereo, Joint Stereo
- Dolby Digital Plus pass-through to external decoder
- Dolby Digital Plus down-mix

RETURN CHANNEL

- IEEE 802.3 10/100 Ethernet interface
- HCNA 3.1 interface

FRONT PANEL

- 8 navigation keys
- 7 Segment display
- STB status LED indicators
- USB 2.0

BACK PANEL CONNECTORS

- RF modulator
- TV and VCR 3 x 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



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TECHNICAL SPECIFICATIONS

BACK PANEL CONNECTORS CONT.

- HCNA 3.1 input/output
- DC power input

ACCESSORIES

- Power Cord with PSU
- Quick Install Manual

ACCESSORIES (OPTIONAL)

- Remote Control and batteries
- Audio/Video cables
- Ethernet cable

GENERAL DATA

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