

ADB-3721WN

Advanced high definition, IPTV set-top box with
over-the-top video and home networking capabilities



HIGHLIGHTS

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



Leader in Pay-TV Solutions

ADB-3721WN

Advanced high definition,
IPTV with over-the-top and
home networking Capabilities



The ADB-3721WN is designed to operate as a stand-alone unit or as part of a whole home network.

The HCNA networking capabilities allow the ADB-3721WN to access movies, TV Shows, music and photos from the ADB-5721WNX High Definition IPTV DVR and devices on the network including PCs, game consoles and phones.

With the latest microprocessor technology there is no waiting on the ADB-3721WN as it brings your TV experience to life with rapid-channel change, a very responsive program guide and support for full 1080P.

The ADB-3721WN has the quality, performance, reliability and features that you have come to expect from ADB including 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
- 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 1920x1080P
- 32-bit colour 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 & 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
- 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: 12.8" x 2.4" x 10"
- FCC, UL & CUL compliance

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