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

ADB. INSPIRING HYBRID PAY-TV
ADB-3721WN
Advanced high definition, IPTV set-top box with over-the-top video 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 (ISO/IEC 14496-10:2004(E))
– H.263 decoding and encoding
– H.264 decoding and encoding
– SMpte VC-1 SP@L2, 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
– Down-scaling HD video on SD output
– Resolution: up to 1080P
– 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-8, 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 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/Vedio 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 & CUL compliance