COMIGO

Datasheet

Comigo's comprehensive, feature rich, most advanced Smart TV platform considerably enhances the TV experience by uniquely extending viewing across all types of handheld devices, thereby opening up revolutionary personalization and interactive socialization capabilities.

The Comigo Box version 1.b is an Android based platform designed to turn any TV into a Smart and Social TV. The smart Set-Top-Box (STB) can stream video and audio content from IPTV channels, OTT video distribution, VOD stores, external USB hard drives and content stored on a home network. The STB can be operated with a simple remote control or via a Smartphone or Tablet using iOS and Android applications.

HARDWARE

CPU: ARM Cortex A9 @ 800MHz

DRAM: 512MByte DDR2

Embedded eMMC Flash: 8GByte

Internal Flash: up to 32GByte using a full-size SD card (not user accessible)

Front indicators: Power and Status LEDs

Rear indicators: Network Link and Status LEDs for both wired and wireless connections

SOFTWARE

OS: Android 2.3.4 (Gingerbread)

UI: Comigo Smart TV Platform

DLNA

Middleware: optional, based on specific requests

CONNECTIVITY

LAN: RJ-45 with 10/100Base-T connection

WLAN: 802.11b/g/n with external antenna

USB 2.0 Host:
- 3 x User accessible external ports for external HDD, DiskOnKey/Thumb drives and other peripherals
- 1 x Internal port for optional RC RF receiver

Video output: HDMI 1.3 with CEC and HDCP support

Audio output: Optical SPDIF

AUDIO and VIDEO FORMATS

Resolution: up to 1920x1080p

Video: MPEG-1 MP/HL, MPEG-2 MP/HL, MPEG-4 Part 2 ASP, WMV/VC-1 SP/MP/AP, H.264 HP@L4.1, RealVideo 8/9/10, M-JPEG and JPEG

Video containers: MPEG, MPE, MPG, M2V, ISO, TS, VOB, DAT, AVI, MKV, MP4, MOV, 3GP, 3GPP, FLC, WMV, TS, FLV, RM

Subtitles: SRT, SUB, IDX, PGS

Audio CODECs: AAC, AC-3 (Dolby Digital 5.1), ADPCM, AMR-NB, MIDI, MP2, MP3, MSADPCM, PCM, RV40, Vorbis, WMA, AAC+ (HEAAC v1), eAAC+(HE-AAC v2)

Supported file formats: mkv, wmv, mpg, mpeg, dat, avi, mov, iso, mp4, rm and jpg, mp3, 3gp, TS

SECURITY and DRM

Optional: based on customer specific requirements

POWER

External supply: 5V@2A (100-240V, 50/60Hz, wall wart with region appropriate plug)

Power consumption: 5.5W (max) (without external HDD)

- Android and iOS applications for Smartphones and Tablets

DIMENSIONS and WEIGHT

LxWxH: 190x160x30 mm (with Wi-Fi antenna in folded position)

Weight:
- STB (w/o accessories): 330g
- External power supply: 110g

CERTIFICATIONS

RoHS, CE, FCC, EN 55022, 55024 & 61000

(Region specific certifications available upon request)

REMOTE CONTROL

Multiple options supported:
- Simple Infrared (IR) with TV RC learning capability
- Combo RF (2.4GHz) and IR RC with QWERTY keyboard, gyro-mouse and TV RC learning capability

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must be co-located for operating in conjunction with any other antenna or transmitter.