

**IPTV**

HDMI | DVB-T

**CT-7005**

# Hybrid Set Top Box



Comtrend's Hybrid Set Top Box, CT-7005, is a flexible and cost-effective Set Top Box to meet the need for a digital multimedia home networking application.

CT-7005 is powered by embedded Linux to deliver broadband TV, Video on Demand (VoD), Internet, and streaming over an IP network. IPTV services allow Telcos, Cable operators or Internet service providers to leverage invested ADSL, HFC and FTTH infrastructures.

An optional hard disk enables the low bit rate user to enjoy high definition video by Push VOD and PVR support. As Comtrend forms alliances with partners including chipset manufacturers and software vendors, we can provide a total blueprint that enables Telcos/Service providers to start a quick profitable operation.

## FEATURES

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- **Embedded Linux OS**
- **Optional Browser and JavaScript for Middleware and EPG**
- **IGMPV2,V3 Multicast IPTV**
- **VoD with trick mode based on various video server.**
- **MEPG-4 AVC/H.264 to HP@L4.1, resolution support to 720P and 1080i**
- **MEPG-2 to MP@HL, resolution support to 720P and 1080i**
- **Supports High Definition video quality via HDMI**
- **Various audio format could be decoded by request**
- **Supports streaming protocols RTP and RTSP**
- **Software is upgradeable via HTTP**
- **Optional hard disk for PVR & Push VoD implementation**
- **Optional DVB-T support fixed channel list and switching**

# CT-7005

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## SPECIFICATIONS

### Hardware

#### Video Output

- Configurable Standard Definition video output: NTSC/PAL TV resolution: 720 x 480/ 576 Pixels,
- Configurable High definition Video output: 720p/ 1080i

#### Audio Output

- Analog Stereo

#### Interfaces

- RJ-45 for WAN 10/100 T auto sensing
- RCA composite Video/ Audio output
- S-Video output
- HDMI for High Definition
- S/PDIF audio via optical fiber
- USB (2.0) connector x 2 (1 in front panel, 1 in main board)

#### Video Decoding

- MPEG 2 MP@ HL decoding SD/HD
- H.264 HP@ L4.1 decoding SD/HD

#### Audio Decoding

- Various audio format could be decoded by request,

#### SATA Hard Disk Drive (option)

#### DVB-T (option, without CA)

#### Dimension

- TBD

#### Power

- AC 100~240V/ 50~60Hz

#### Software

- IPv4, HTTP, DNS Client, DHCP Client, TFTP Client, Telnet Server, ICMP (Ping/ Trace route).

#### Browser

- Browser\*

#### Copy Protection

- DRM and Macrovision\*

#### Middleware

- OSD with VCR trick mode (Play, Pause, FFW, RW, Stop)\*
- EPG (Electric Program Guide)\*

#### Streaming Protocol

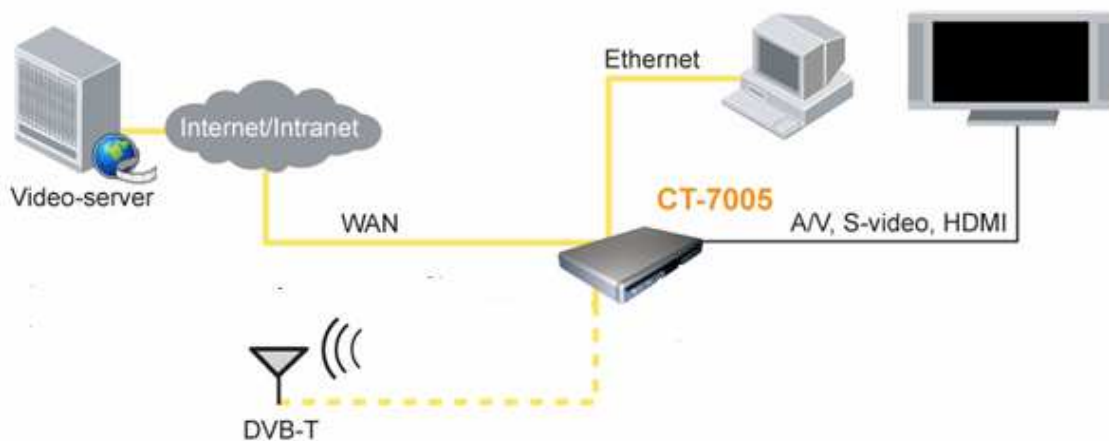
- RTP and RTSP\*

#### Multicast Protocol

- IGMP V2, V3

\* Features are based on the solution of our middleware and video server partners. If customer requests other solutions, features might change.

Note: Specifications are subject to change without notice.



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