

IPTV Set-Top Box

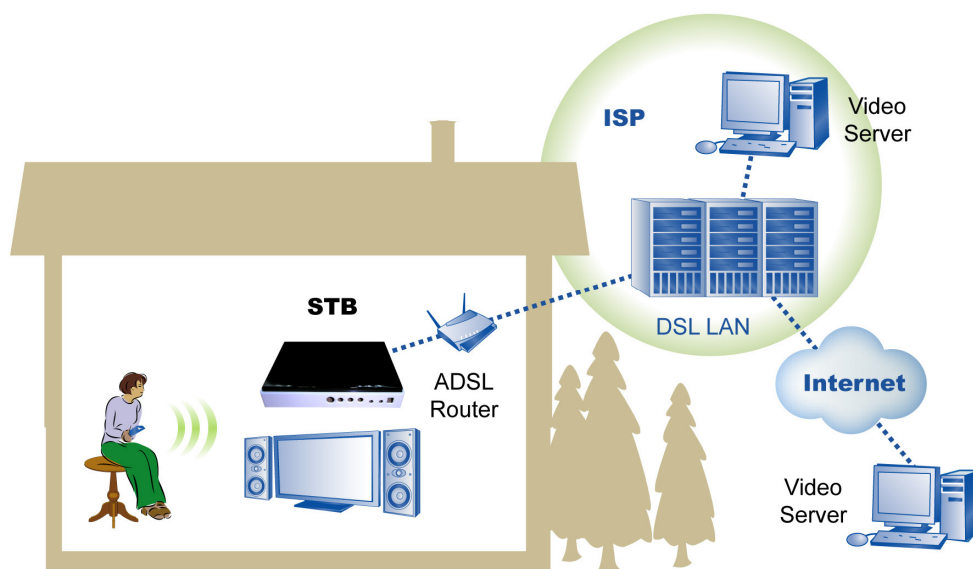


- **Video-on-Demand (VoD)**
- **Electronic Program Guide (EPG)**
- **Digital rights management (DRM)**
- **Web Browsing**
- **E-mail**
- **Home-Networking (DLNA)**
- **Personal Video Recording (PVR)**
- **Voice-over-IP**

WMTD-116G allows IPTV operators to deliver superb picture performance over lower band width use of the approved MPEG-4 AVC/H.264 standard. With its advanced design, quality hardware and flexible software architecture this product allows operators to offer their chosen service package over IP networks with a further improvement in the service package and with lower operating and capital costs. The WMTD-116G is an enhanced IP-based MPEG-2 and MPEG-4 AVC/H.264 set-top box. It offers MPEG-1/2 MP@ML up to 10Mbps and hardware based MPEG-4 MP@ML decodes up to L3.

The WMTD-116G is an entry level IPTV set-top box designed for decoding of MPEG-2 and MPEG-4 digital video over broadband IP networks. Planned to meet the requirements of telecoms and other broadband service providers delivering a range of advanced and compelling broadcast, on-demand and interactive TV services our WMTD-116G is a proven and high performance platform capable of supporting a variety of leading middleware, video servers, encoders and content protection solutions.

Targeted at the highly competitive entry level market, the WMTD-116G uses dual processors design, it with the addition of a second processor for hardware decode of MPEG-4 transport streams.



General Specifications

Video decompression

- WMV9 / VC1 (MP@HL 720p)
- MPEG-1 (MP@HL 1080p)
- MPEG-2 (MP@HL 1080p)
- MPEG-4 (ASP@L5 720p)
- JPEG

Audio decompression

- AC3
- MP3
- AAC
- WMA9

Middleware

- DLNA 1.5 (Digital Home)

System Layers

- HTTP
- RTP / RTSP

Voice over IP

- SIP
G.711, G.729

Processor

Intel IXP425@266MHz
Sigma Design EM8621L

Memory

FLASH 16MB
SDRAM 64MB
DDR 64MB

A/V interfaces

Composite & S-Video
RCA audio out
SCART

Peripheral interface

802.11g Wireless-G
Ethernet 10/100 Base-T
USB2.0 Host
IR Control
FXS for VoIP