

XTV125

Ver. 1.4
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(ANT Browser solution)

Overview

XTV125 offer High Definition (HD) solution by advanced video decoder H.264/ AVC engines.

XTV125 is implemented by a very flexible platform, allowing comprehensive decoding method, middleware, browser, video-on-demand, conditional-access to be integrated in system.

Based on different requests from customers, it can be easily constructed to provide customers premises for interactive video services.



Features

- HD (High Definition)
- HD/SD MPEG2 Main Profile at Main and High levels
- HD/SD H.264/AVC main and high profile to level 4.1 (HD), Level 3.1 (SD)
- SD MPEG-4 P2 SP/ASP, DivX 3.11/4.1/5.x
- VC-1 advanced profile @ level 3 (Option)
- VC-1 simple and main profile (Option)
- Audio decode: AAC LC, AAC LC+SBR Level 2, AAC+ Level 2, AAC+ Level 4
- Audio decode: MPEG1 Layer 1, 2
- Audio decode: Windows Media and Windows Media Pro Audio (WMA) (Option)
- HDMI 1.3/DVI 1.0 with HDCP 1.2
- Supports different Middleware and Conditional Access vendors
- Audio outputs
 - Stereo Audio
 - Digital Audio surround via S/P-DIF (coaxial and optical) direct pass-through from media content
- Video outputs
 - SD: Composite, S-Video
 - HD: Component, HDMI/HDCP
 - SD: PAL, NTSC and SECAM
 - HD: 720p, 1080i, 1080p30
 - 4:3 and 16:9 format
- IR remote control
- 10/100 BaseT Ethernet
- Multicast streaming
- Video on demand
- Conditional Access smartcard-less
 - OTP for storage of secure information and special customer configurations.
- ANT browser

Specifications

System

- Microprocessor: MIPS32 400Mhz (two thread processor)
- Main Memory: DDR2 512MB
- Decoder Memory: shared with main memory
- Flash: 32MB
- Operating System: Linux 2.6.xx

Hardware Interfaces

Rear panel:

- **USB2.0 host:** Support for external device
- **IR extension**
- **Component Video(Y/Pb/Pr)**
- **L/R Stereo Audio (RCA):** for audio equipment
- **Composite Video (RCA):** video output to TV set
- **S-Video Connector (mini-DIN):** high quality video output to TV set
- **SPDIF Output:** Coaxial & Optical connect to digital surround sound audio system.
- **HDMI**
- **Ethernet 10/100 (RJ45) x 2:** for either PC or broadband access
- **DC Power Jack**
- **Power ON/OFF switch**

Front panel:

- **LED:** Power/ Standby, Link, IR
- **IR receiver:** for remote control
- **USB2.0 host:** Support for external device

Software

- Using Linux open standards
- CA/DRM supported for a choice of vendors
- IGMP v2/v3 multicast client for IP broadcast TV
- Common network protocols supported (ICMP, UDP, TCP, DHCP, IGMP, TFTP, DNS, HTTP...)
- RTSP client
- Variety of middleware supported with variety of

WEB browser

- Secure software download over network for firmware upgrade in the future
- Browser features:
 - HTML 4.01 and basic XHTML
 - CSS 2.1 and Partial CSS 3
 - ECMAScript ECMA-262 (comply to Javascript 1.5)
 - DOM Level 2
 - Conforms to HTTP 1.0 and supports many features of HTTP 1.1
 - HTTPS: SSL2, SSL3, TLS1
 - Supports XML 1.0 Recommendation of the W3C, and supports the Namespaces in XML 1.1 Recommendation
 - Supports the de facto standard XMLHttpRequest object
 - Unicode 5.1.0
 - UTF8
 - Picture format: GIF, JPEG, PNG

Electrical values

- Power adaptor:
 - 12VDC/1.5A (12VDC/2A)
- Power consumption: 10W

Physical

- Dimensions: (W*D*H) 237mm x 149mm x 50mm
- Net weight: 0.6 Kg

Complied regulations

- EMI/Safety: FCC/CE
- Temperature: ETS 300 019-1-3 Class 3.1 (5 to +40°C)
- Humidity: ETS 300 019-1-3 Class 3.1 (Up to 85%)