

MT8700

STM Monaco Platform based DVB and IPTV Hybrid H.265 Ultra HD (4Kx2K) STB with PVR feature



Product Overview

The MT8700 is an enhanced hybrid DVB/IPTV STB offering unique ultra HD decoding and video quality up to 2160p (4Kx2K). It has various options of PVR and Smart Card slot. The MT8700 is the ideal living room STB with co-exists terrestrial or cable TV and IPTV scenarios combining on demand and interactive services. We offer the solutions we are experts in, and our reputation guarantees their quality.

Key Features and Benefits

Supports IPTV, DVB-T/T2 / DVB-C services

MT8700 is a hybrid STB that can support IPTV and DVB-T/T2 or IPTV and DVB-C services, video on demand, playback of media files from external/internal HDD.

LED Indicator, USB & PVR

4 LED indicators for function usage. 1 USB 3.0 and 1 USB 2.0 host ports, one on the front panel for flexible connection and the other on the rear for dedicated usage. PVR function with optional built-in 2.5" HDD.

CA & DRM

MT8700 can support Verimatrix card based CAS with the optional ISO 7816 Smart Card Interface. Also can support the DRM solution of Verimatrix.

HW Platform Design Service

We are ready to assist you in designing and manufacturing the STB HW platform based on your requirements.

Streaming – Can Support

- MPEG-2 transport stream
- Multicast and Unicast
- TS over UDP
- TS over RTP
- HTTP streaming
- RTSP (with trick play support) for VoD
- IGMP v2 & v3
- HLS

Other Features

- Ultra HD (2160p) video support and crystal clear digital audio
- Up to 3 x 1080p30 to 720p30 video transcoding
- H.264 video encoding up to 720p30
- 3D TV up to 1080p 3D L30R
- Built-in WiFi (802.11 a/b/g/n/ac)
- PVR and Network PVR support
- Hardware generated Picture-in-Picture
- Dual H.264 HD decoding

Features

Platform

- CPU: ST-Micro Monaco STiH41x
- Core: Dual ARM Cortex-A9
- DMIPS: 7500
- DRAM: 1GB
- NAND Flash: 4GB eMMC
- OS: Android 4.x or Linux 3.x

A/V Specification

- Video Modes
 - 2160p, 1080i, 1080p, 720p, 576p, 480p, PAL, NTSC
 - 3D 1080i60L60R or 1080p30L30R
- Video Decoding
 - H.265 HEVC L5.1 (2160p30)
 - H.264 AVC, one L5.1 or three L4.1(1080i60/1080p30)
 - MPEG-2, MPEG4, VC1
- Audio Decoding
 - MPEG I,II, MP3, Dolby Digital, AAC, FLAC, Vorbis

Physical Interface

- Composite + Stereo A/V output
- HDMI 1.4b@2160p30 (support HDCP)
- Component Video output
- S/PDIF Audio output
- IR Extender (Optional)
- One 10/100/1000 Mbps Ethernet port (RJ45)
- WiFi (802.11 a/b/g/n/ac 2x2, built-in)
- 2 USB ports (USB 3.0 front and USB 2.0 rear)
- Power Jack (rear)

Digital TV

- IPTV (Multicast)
- DVB-T/T2 or DVB-C

Storage

- 2.5" HDD up to 1TB

Power

- Power Switch Button
- External Power Adapter
- 100-240V AC in, 50/60 Hz
- 90-264V AC in, 47/63 Hz
- DC 12V/2A output

Dimension

- Main Unit: (L) 250 x (W) 156x (H) 40 (mm)

Packing

- Gift Box Size: 340x273x70 mm
- Carton Size: 522x360x308 mm
- Quantity: 7pcs/Carton

Physical Connection



Contact



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