

Overview

Powered by A10s, Allwinner rolls out an HDMI dongle solution, which is shipped with Android 4.0.4 OS and can turn TV sets into smart ones. With HDMI output and WIFI interfaces, HDMI Dongle based on A10s is capable of smooth playback of HD online videos.

HDMI Dongle based on A10s is not only more competitive in total system BOM, but also outruns other counterpart solutions in lower power consumption, better compatibility of Streaming Video Protocol/local multimedia formats, as well as stronger processing capability.



HDMI Dongle based on A10s also features FireAir function, which enables devices (such as handset, tablet) to push media contents to TVs, implementing interaction among multiple screens.

Feature

Core System

- CPU – ARM Cortex-A 1GHz
- GPU – ARM Mali400
- Package – BGA336, 14*14mm, 0.65mm Pitch
- PMU – Highly Integrated Power Management Unit
- NAND – 2G/4G/8G Bytes, MLC/SLC, 2x/2y/1x nm NAND up to 64-bit ECC
- DDR3 – 32bit, up to 1G Bytes
- Android 4.0.4



Multimedia

Streaming Video Protocol

- RTSP, HTTP, HLS, RTMP, MMS, etc.

Decoder

- VP8/6, H.264/H.263, WMV9/VC-1, WMV7/8, MPEG-4/2/1, Xvid, etc.
- Up to 1920*1080P@30fps

Encoder

- H.264 1920*1080P@30fps

Media Source

- WIFI 802.11 a/b/g/n
- USB Mass Storage
- TF Card

Video/Audio Output

- HDMI 1.4

Power

- USB Power Supply

FireAir^①

DLNA

- Support DMR ,DMS and DMC
- Support Video in MKV,AVI ,TS/TP,MP4/M4V,MOV,VOB,PMP,MPG,M2TS,FLV,WMV format
- Support Audio in MP3,WMA,OGG,FLAC, APE, AAC, AMR in format
- Support Picture in JPEG, GIF, PNG in format
- Support all DLNA Compatible APK under Android/IOS/ Windows



WiFi Display

- Mirror
- Support all Allwinner A1x Powered Devices
- 1 Sender, up to 4 Receiver
- Miracast (Coming Soon)
- WiMO /WIDI Compatible, etc.



① FireAir is a multi-screen interactive solution, including both DLNA and Wifi Display function.