

The MHL standard defines a new mobile interface to directly connect mobile phones and other portable consumer electronics devices to high-definition televisions and displays.

MHL specification version 1.0 is an HD video and digital audio interface for connecting mobile phones and portable devices to HDTVs and other home entertainment products. It utilizes established connectors and features a single cable with a 5-pin interface, supports 1080p HD video and digital audio, and simultaneously provides power to the mobile device. It also enables the TV remote to control the mobile phone and access its contents.

Features and Characteristics

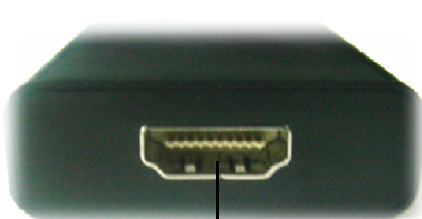
- ★ HD video content with up to 1080p/60 picture quality
- ★ Digital audio up to 192 kHz and capable of delivering 7.1 channel surround sound from a mobile device
- ★ Low pin count interface that allows mobile devices to maintain their small form factor and keep implementation costs low
- ★ Operation of the mobile device in MHL mode while 5 volts and 500 mA of power are simultaneously provided from an HDTV or other CE device
- ★ Full support for High-bandwidth Digital Content Protection (HDCP) technologies for the safeguarding of high-value digital motion pictures, television programs and audio against unauthorized interception and copying

Specifications

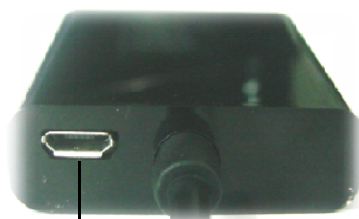
- ★ Input Video Signal ----- 5.0 Volts p-p (TTL)
- ★ Maximum Single Link Range ----- 1920x1080 @ 60Hz
- ★ Input Connector ----- Micro USB B TYPE 5pin
- ★ Output Connector ----- HDMI A TYPE Female 19pin
- ★ Vertical Frequency Range ----- 50/60Hz
- ★ Video Amplifier Bandwidth ----- 2.25Gbps/225MHz
- ★ Interlaced(50&60Hz) ----- 480i,576i,1080i
- ★ Progressive(50&60Hz) ----- 480p,576p,720p,1080p

Installation

➔ Connecting for the MHL Adapter



Ports for HDMI Sink

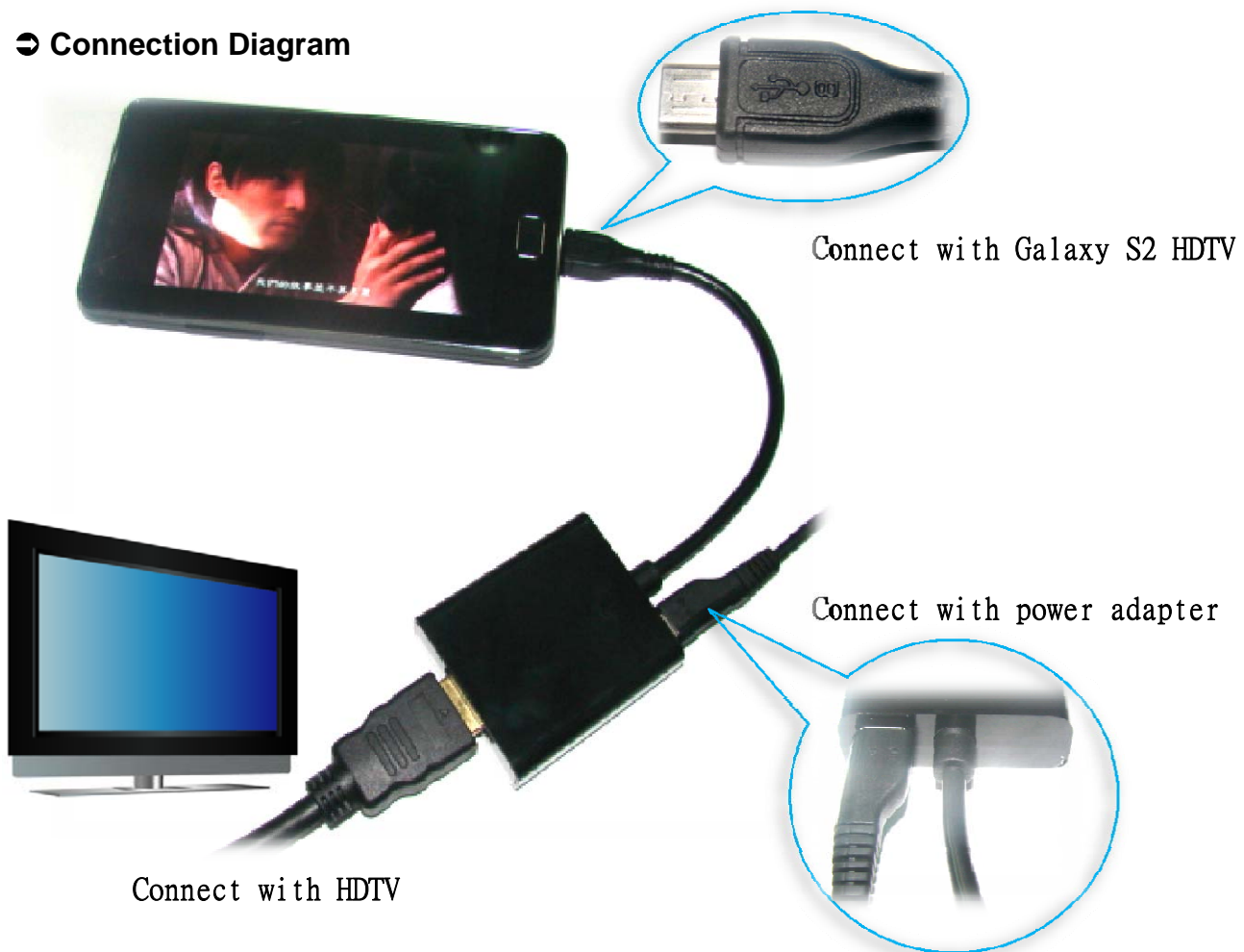


Ports for Micro USB Power in



Ports for Micro USB Source in

➔ Connection Diagram



- Remark : 1.MHL Adapter can transfer signal from Samsung GALAXY S2 of USB interface into standard HDMI output,you can play the mobile phone content on a HDTV.
2.MHL Adapter has a separate USB port, can connect with the power adapter to support the GALAXY S2 with power during work.

➔ Available Models

I9100 Galaxy S2 Infuse 4G I997 I9103

HTC Sensation 4G Z710E G14

Package Contents

- ★ MHL Adapter IL=10CM
- ★ Retail package