



4K HDMI Repeater, 60 Hz



Quick Installation Guide

DS-55900-2

Do you want to extend your HDMI signal without compromising quality? This is where the HDMI booster comes into its own. HDMI boosters enable HDMI devices to be connected to each other over longer distances. The DIGITUS HDMI Repeater extends your HDMI signal up to 30 meters and supports brilliant 4K (60 Hz) resolutions for excellent image quality. The compact housing is portable and allows you to set the booster anywhere. Moreover, the HDMI booster does not require an external power supply.

Features:

- Compatible with HDMI 2.0, supports TMDS data rate up to 18Gbps.
- Resolution up to 4Kx2K @ 60Hz and up to 1080P 12-bit color bit depth.
- 4K 60Hz MAX. distance 30m (input 10m, output 20m), with 24 AWG HDMI2.0 Cable
 - 1080p max. distance 50m, input 25m, output 25m for 24 AWG cable
- HDCP1.4/2.2 compliance
- Adaptive receive equalization up to 14dB to compensate for long/cheap cable losses
- Incorporates an adaptive receive equalizer, a clock and data recovery (CDR) circuit and a de-emphasis driver on each TMDS data channel
- The clock channel with a high performance Phase-Locked Loop (PLL) to re-generate low jitter clock output.

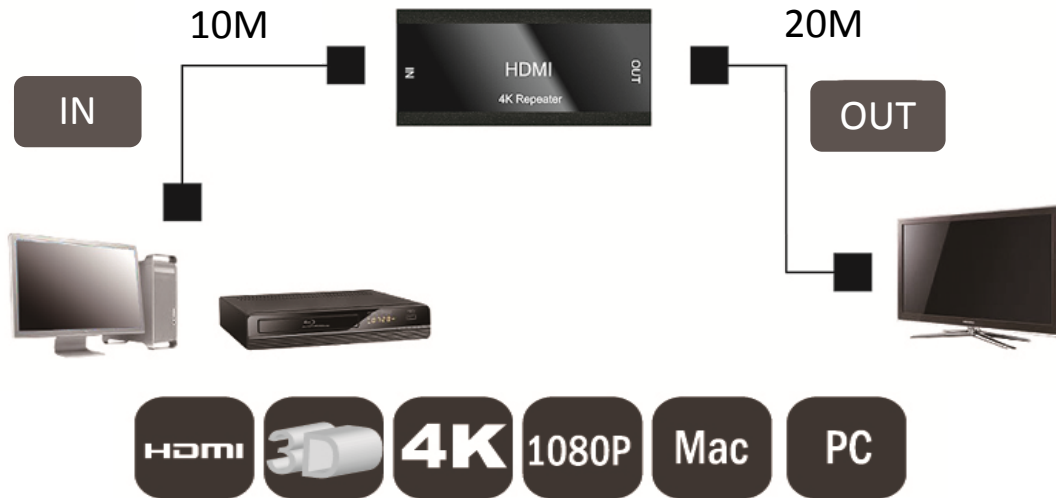
Package Contents:

- 4K HDMI Repeater, 60 Hz
- Micro USB charging cable
- Quick Installation Guide (QIG)

HDMI Repeater Installation Steps:

1. Connect a HDMI cable with your HDMI source like PlayStation, HD DVD Player or PC, and the INPUT connector of this HDMI REPEATER.
2. Connect the second HDMI cable with your HDMI REPEATER OUTPUT-side and your HDTV INPUT.
3. Power on all the HDMI devices and HDTV will show you the high definition display
4. Some source device couldn't provide power enough need connect Micro USB 5V to USB port.

Diagrams:



Specifications:

HDTV Range resolutions	480i/480p/720i/720p/1080i/1080P/4K2K @60Hz
Bandwidth	18Gbps/600MHz
Size (D*W*H)	70x37x12mm
Weight (Net)	22g
Input	HDMI A Female *1
Output	HDMI A Female *1
Micro USB Power	DC 5V/500mA *1 (optional)
Case material	ABS (Plastic)
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 85%RH
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90%RH
Certificate	CE

Hereby ASSMANN Electronic GmbH, declares that this device is in compliance with the requirements of Directive 2014/30/EU and the Directive 2011/65/EU for RoHS compliance. The complete declaration of conformity can be requested by post under the below mentioned manufacturer address.

Warning:

This device is a class B product. This equipment may cause some radio interference in living environment. In this case, the user can be requested to undertake appropriate measures to prevent interference.

www.assmann.com
 Assmann Electronic GmbH
 Auf dem Schüffel 3
 58513 Lüdenscheid
 Germany

