

# Data Sheet

## HDBT ARC100 extenders set

**Model name:** HDBT ARC100  
**Part Number** SY-HDBT-ARC-100-SET

### Specifications

**Video resolutions/Formats** 480i/576p/720i/720p/1080i/1080p /3840x2160 (8bit 30Hz RGB 4:4:4 YCbCr)  
Applies to both Tx and RX

**Bandwidth** 10.2Gbps

**HDCP** Compatible with all versions up to 2.2v

**TX** HDBaseT Slim ARC100 transmitter module

**Applications:** Long distance HDBaseT PoC for transmission of audio, video and control signal over single CATx cable

**Inputs** 1xHDMI Type-A 1x Ethernet (RJ45) 1xIR 3.5mm 1xPhoenix RS232 (Bi-directional)

**Outputs** 1xHDBaseT (RJ45) 1xIR 3.5mm 1x RCA L+R 1x Digital Toslink

**Power** 12V wall plug DC (Single power supply required for each set)

**RX** HDBaseT Slim ARC100 receiver module

**Applications:** Long distance HDBaseT PoC for transmission of audio, video and control signal over single CATx cable

**Inputs** 1xHDBaseT (RJ45) 1xIR 3.5mm 1x Digital Toslink 1x Phoenix RS232 (Bi-directional) 3x Ethernet (RJ45)

**Outputs** 1xHDMI Type-A 1xIR 3.5mm 1xPhoenix RS232 (Bi-directional)

**Power** 12V wall plug DC (Can be connected from Tx or Rx end)

**Clock speed** 340Mhz

**Power Rating** 12V DC @ 2A

**Max. Power consumption** 10W (Max)

**Weight (net)** 300g (Rx and Tx same weight)

**Size (WHD)** 158x13x89mm (Rx and Tx same size)

### Certificates

CE

RoHS

FCC

### What's in the box

1x HDBT Transmitter  
1x HDBT Receiver  
1x Wall plug power supply with EU adaptor  
2x Phoenix plugs  
1x pair Wall bracket with screws  
Installation manual



Developer member HDBaseT alliance

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