



HDMI Extender Series

User Manual

Model : HE01C

HDMI over Coaxial Extender 1080p 100M



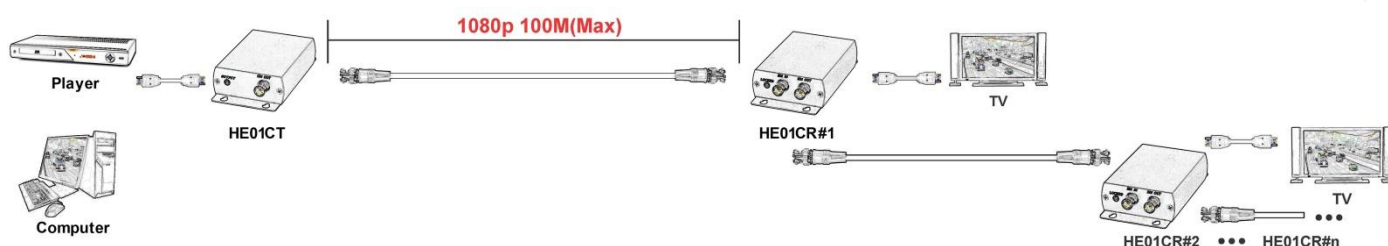
Introduction

HE01C is an HDMI extender that can use a coaxial cable to send HDMI signal with a transmission distance of up to 100M. Its RX unit has a BNC loop-out port to daisy chain for HDMI distribution and extension. For each RX added, you can have one additional HDMI output.

Features

- Resolution up to 1080p.
- Signal extension up to 100M over coaxial cable.
- Built-in BNC loop-out port for daisy chain to have multiple remote HDMI displays.

Installation View



Cable

To send HD video must use coaxial cable with Bandwidth at least 1.5G, to send Full HD video must use coaxial cable with bandwidth at least 3G.

Link cable recommend to use high quality 75Ω Coaxial Cable & BNC connector, to use low quality coaxial cable may case signal loss and effect transmission distance and reliability.

Working Distance

Max. distance via high quality 75Ω Coaxial Cable (Belden 1505A Testing)	
SD (480i,576i resolution) (270Mbps)	300M
HD (720p, 1080i, 1080p@24/25/30Hz resolution) (1.45Gbps)	200M
Full HD (1080p@50/60Hz) resolution (2.97Gbps)	100M

LED Indication

HE01CT

GREEN	Power & Signal
ON	Power on
FLASH	Not support HDMI input format

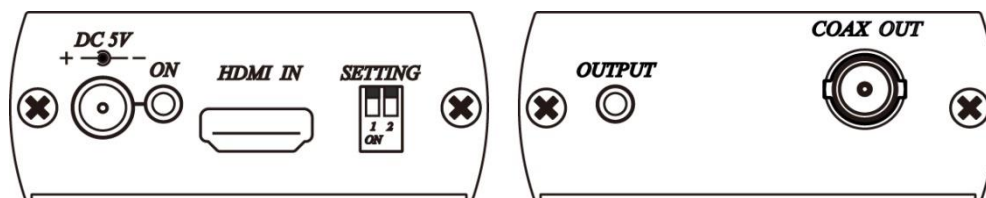
BLUE	SDI signal
ON	SDI signal output

HE01CR

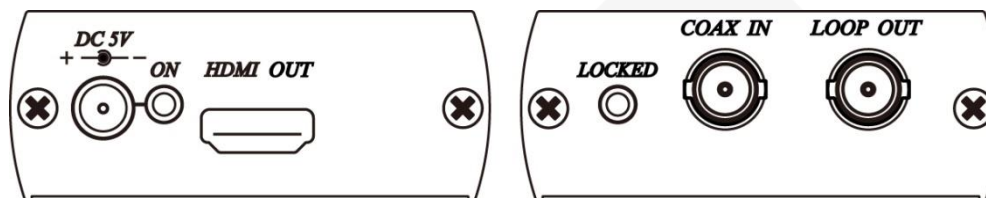
GREEN	Power
BLUE	SDI signal lock

Panel View

HE01CT



HE01CR



HE01CT Switch Instruction

- | | | |
|---|---|--|
| 1 | ↑ | Video Support: 480i, 576i, 720p@50/59.94/60Hz,
Max resolution 1080i@50/59.94/60Hz. |
| | ↓ | Video Support: 480i, 576i, 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz,
Max resolution 1080p@23.98/24/29.97/30/50/59.94/60Hz. |
| 2 | ↑ | Audio Support LPCM 2 Channels. |
| | ↓ | Audio Support LPCM 7.1 Channels. |

Specification

ITEM NO.	HE01CT	HE01CR
Support		
Max. HDMI Resolution	1080p@60Hz	
Max. SDI Resolution	3G-SDI	
Max. Transmission Distance	100M over 1.5G/ 3G Coaxial Cable or Greater	
Audio Format	LPCM 7.1 Channels, 48kHz, 16 / 20 / 24Bit	
Ports & Interfaces		
Video Input	1 x HDMI Type A	1 x 75Ω BNC
Video Output	1 x 75Ω BNC	1 x HDMI Type A, 1 x 75Ω BNC
Power		
Power Supply	DC 5V 2A	DC 5V 2A
Power Consumption	850mA	750mA
Ambient Temperature		
Operation	0 to 55°C	
Storage	-20 to 85°C	
Humidity	up to 95%	
Physical Characteristics		
Dimensions	67 x 110 x 27mm	67 x 110 x 27mm
Weight	200g	200g