

GO FURTHER!

HDMI OVER HDBASET™ EXTENDER SET



Overview

The **Absolute Acoustics® NDS-870HD** is a HDMI over HDBaseT™ extender set capable of transmitting HDMI and control signals for distances up to 328ft (100m) over a single twisted-pair cable.

NDS-870HD is capable to extend 1080p video up to 328ft (100m) and 4K/UHD video up to 230ft (70m) with embedded multi-channel audio, RS232 and bi-directional IR control signals.

Both **TX** and **RX** units can be remotely powered by PoC technology (a single power supply is required), cleaning up the installation.

UHD/4K ENABLED



Compatible with the new ultra-high definition sources and displays, sending signals with resolutions up to 2160@30 with YCbCr 4:4:4, or 2160@60 with 4:2:0 color format.

HDMI-CEC BYPASS



Allows HDMI-CEC commands to pass between devices, enabling user to control the entire system with a single remote.

HDCP 2.2 COMPLIANT



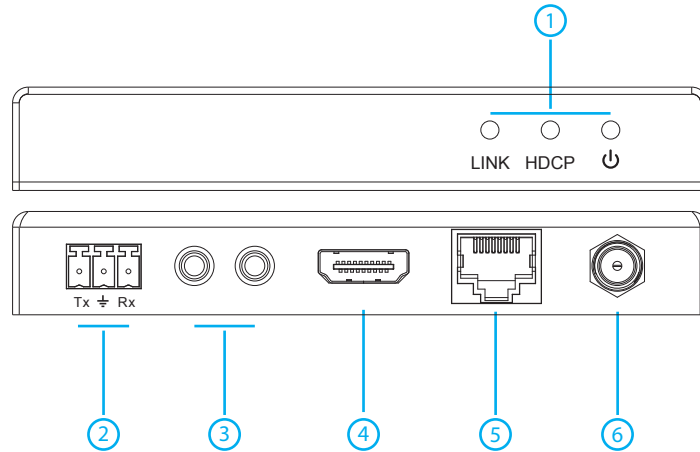
Fully licensed and compatible with HDCP 2.2 content protection specification, enabling the transmission of ultra-high definition signals directly from the source.

POC TECHNOLOGY



The HDBaseT™ output provides power supply to the remote unit using the same CAT cable, making the installation process much easier.

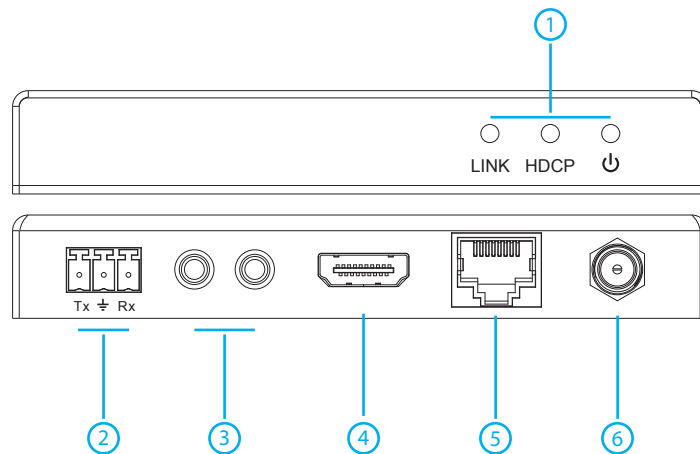
NDS-871HD-TX



- 1. Link, HDCP and power status indicators
- 2. RS232 extension port
- 3. IR input/output extension ports

- 4. HDMI input port
- 5. HDBaseT output port
- 6. DC power supply inlet

NDS-872 HD-RX



- 1. Link, HDCP and power status indicators
- 2. RS232 extension port
- 3. IR input/output extension ports

- 4. HDMI output port
- 5. HDBaseT input port
- 6. DC power supply inlet

Technical Specifications

SIGNAL BANDWIDTH: 10.2Gbps

HDMI COMPATIBILITY: CEC, EDID, HDCP 2.2

SUPPORTED RESOLUTIONS: 800x600, 1024x768, 1280x768, 1280x960, 1280x1024, 1600x1200, 1920x1080, 1920x1200, 3840x2160, 4096x2160*

COLOR DEPTH: 8 - 12 bits/ch**

SUPPORTED AUDIO (HDMI): Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-X, DTS-HD Master Audio, DTS 5.1, 2 - 8Ch PCM

TRANSMISSION DISTANCE: up to 328 ft (100m) @ 1080p or up to 230 ft (70m) @ UHD/4K using UTP CAT 6 cable

RECOMMENDED CABLE: STP/UTP CAT6 or higher

OPERATING TEMPERATURE: 32° to 104° F (0° - 40°C)

DIMENSIONS: 4.53 x 0.63x 3.26in (115x 17 x 84mm) each

WEIGHT: 0.33lb (0.15kg) each

POWER SUPPLY: DC 24V 2.5A

CONSUMPTION: 11W (pair)

CERTIFICATIONS: UL, FCC, CE

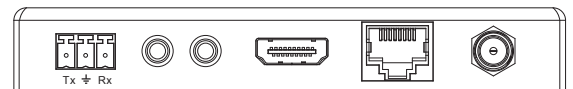
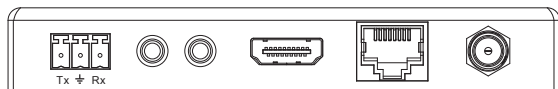
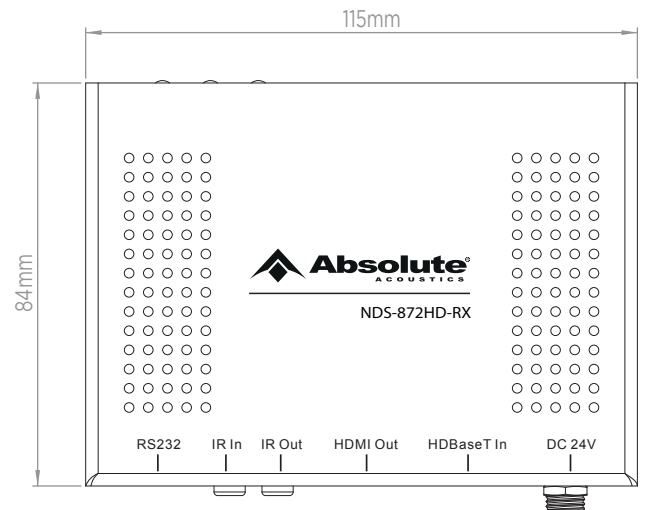
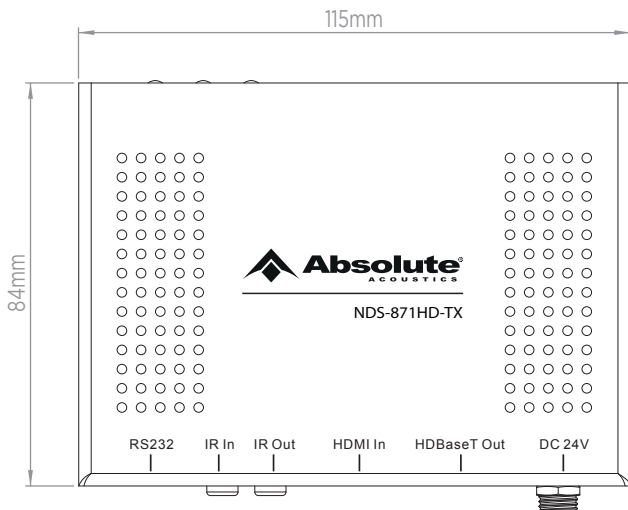
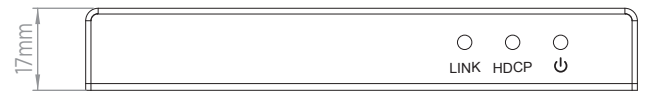
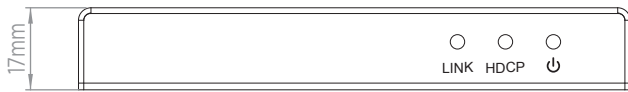
WARRANTY: 2 years limited warranty

* Resolutions of 3840x2160 and 4096x2160 are only available with the YCbCr 4:2:0 color format.

** Resolutions of 3840x2160 and 4096x2160 are only available with 8-bits Color Depth.

HDBASET EXTENDERS COMPARISON TABLE

	470HD	570HD	870HD	970HD
HDBASET TECHNOLOGY	HDBaseT Lite	HDBaseT Lite	HDBaseT	HDBaseT
HDBASET COMPATIBILITY	(NONE)	UHM, SS	UHM, SS	(NONE)
TRANSMISSION DISTANCE				
1080P	230ft (70m)	230ft (70m)	328ft 100m)	328ft 100m)
UHD/4K	130ft (40m)	130ft (40m)	230ft (70m)	230ft (70m)
BI-DIRECTIONAL IR	YES	YES	YES	YES
RS232 EXTENSION	NO	YES	YES	YES
AUDIO TOOLS	NO	NO	NO	YES
ETHERNET	NO	NO	NO	YES
CEC PASS-THRU	YES	YES	YES	YES
POWER OVER CABLE	From TX to RX only	Bi-directional	Bi-directional	Bi-directional
DIMENSIONS	"2.4 x 0.94 x 4.72in (61 x 24 x 120mm)"	"4.53 x 0.63 x 3.26in (115 x 16 x 83mm)"	"4.53 x 0.63 x 3.26in (115 x 16 x 83mm)"	"4.49 x 0.94 x 5.31in (114 x 24 x 135mm)"
WEIGHT	"0.62lb X (0.28kg)"	"0.33lb X (0.15kg)"	"0.33lb X (0.15kg)"	"1.32lb X (0.6kg)"



Notes

LEGAL NOTICE

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2. Some trademarks may be mentioned to refer to the entities that own such marks, names or their products.
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All equipment should be disconnected from the power supply prior to installation to avoid damage to the unit.