

### PRODUCT OVERVIEW

The PEAPSONIC PS-HDEW3 is a professional HDBaseT wall plate transmitter designed for conference rooms, classrooms, boardrooms and collaborative AV environments.

Featuring HDMI and USB-C connectivity, the unit delivers reliable 4K UHD signal transmission, POC (Power over Cable), bi-directional IR extension and RS-232 control over a single CAT5e/CAT6 cable up to 100 meters.

- Ideal for modern meeting spaces, training rooms, and corporate AV systems.
- Supports automatic and manual source switching.
- Programmable front panel buttons for quick source selection.



4K UHD Video



HDBaseT Extension



Up to 100m Transmission



Power over Cable



Bi-Directional IR



RS-232 Control



USB-C Input



EDID Management

### KEY FEATURES

- ✓ HDMI & USB-C Inputs
- ✓ HDBaseT Extension up to 100m
- ✓ 4K UHD Video Support (up to 4K@30Hz 4:4:4)
- ✓ Auto / Manual Source Switching
- ✓ POC (Power over Cable)
- ✓ EDID Management (Built-in EDID)
- ✓ Bi-Directional IR Extension
- ✓ RS-232 Device Control
- ✓ Programmable Wall Plate Buttons (3)
- ✓ Single CAT5e/CAT6 Transmission
- ✓ Front Panel Status Indicators
- ✓ Compact Wall Plate Design (US Standard)

### APPLICATIONS



Meeting Rooms



Boardrooms



Training Centers



Educational Institutions



Digital Signage



Corporate AV Systems



Control Rooms



Airports & Railway Stations

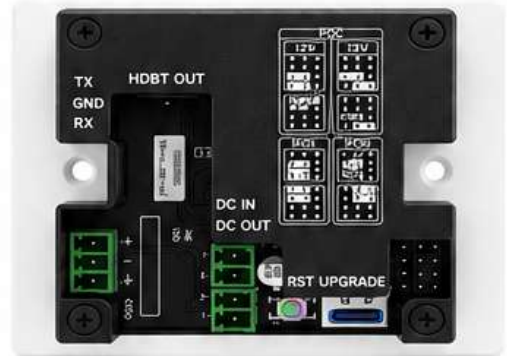


Medical Imaging Systems

### PACKAGE CONTENTS

- 1 x PS-HDEW3 Wall Plate Transmitter
- 1 x Mounting Accessories
- 1 x User Manual

### REAR PANEL



### TECHNICAL SPECIFICATIONS

Specification	Details
Model	PS-HDEW3
Product Type	HDMI & USB-C HDBaseT Wall Plate Transmitter
Input Ports	2 x HDMI Type-A, 1 x USB-C
Output Port	1 x HDBaseT (RJ45)
Video Resolution	Up to 4K UHD (4K@30Hz 4:4:4)
HDBaseT Technology	HDBaseT 1.0
Transmission Distance	Up to 100m (CAT5e/6)
HDCP Support	HDCP 2.2 / HDCP 1.4
POC (Power over Cable)	Supported (PD)
EDID Management	Supported (Built-in EDID)

Specification	Details
IR Extension	Bi-Directional (IR-TX / IR-RX)
RS-232	Supported (3-pin Phoenix Connector)
Source Switching	Auto / Manual
Programmable Buttons	3 x Front Panel (HDMI 1, USB-C, HDMI 2)
Audio Support	HDMI Embedded Audio, USB-C Audio
Power Supply	POC (from Receiver) / External Power (12V DC)
Power Consumption	< 6W
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Dimensions (WxHxD)	86 x 86 x 35 mm
Weight	0.15 kg
Installation Type	Wall Plate (US Standard)
Color	White

### DIAGRAM EXAMPLE

