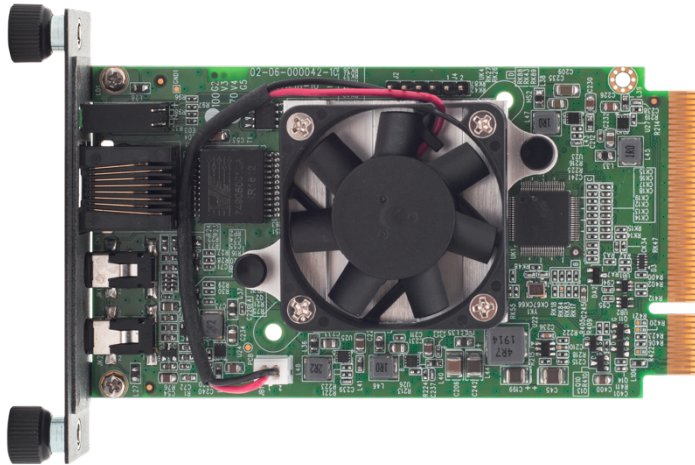


# Intel SDM based HDBaseT 4K/UHD Receiver USER MANUAL

## SDM-HDBT-R-UHD USER MANUAL v.1.4



## Overview

The SDM-HDBT-R-UHD can be installed in any display that is equipped with Intel SDM-S or SDM-L slot. The SDM-HDBT-R-UHD uses HDBaseT™, it is compatible with Apantac HDBT-1-E-UHD transmitters and can extend 1080P HDMI signal up to 100/150 meters and 4K/UHD HDMI signals up to 70 meters.

## Package Contents

- 1 x SDM-HDBT-R-UHD
- 1 x User manual
- 1 x SDM-S mounting bracket
- 1 x SDM-L mounting bracket
- 1 x IR receiver
- 1 x IR blaster

## Features

- Supports 4K@60Hz (4:4:4) up to 100 meters with CAT6a/CAT7 cables
- Supports 4K@60Hz (4:2:0) and 1080P (12bit) and 3D up to 100 meters
- Supports HDMI 2.0
- Supports HDCP 1.4 and 2.2
- Supports 3D pass-through
- Supports CEC pass-through
- Supports RS-232 (Bi-directional)
- Supports all frequency of IR control
- Supports HDBaseT Mode with Apantac HDBaseT Transmitter
- Supports all digital audio meter modes
- Supports Long Reach Mode (1080P@60Hz / 8bit, up to 150 meters) with Apantac HDBaseT Transmitter

## Specifications

Function	SDM-HDBT-R-UHD
SDM Edge Connector	Intel SDM PCIex8(98pin) x1
HDBaseT Link In	RJ45x1
IR In	3.5ψ Stereo Jack x 1
IR Out	3.5ψ Stereo Jack x 1
Status LEDs	4 in 1 LED
Max Resolution	4K@60Hz (4:4:4/4:2:0), 4K@30Hz, 1080P@60Hz
Cable distance	100m for 4K@60Hz(4:4:4) with CAT6a/CAT7 cables, 100/150m for 1080P@60Hz
Mounting Brackets	SDM-S, SDM-L
Weight	Board - 60g, SDM-S – 80g, SDM-L – 160g
Dimensions (LxWxH)	Board -60x110x20, SDM-S – 80x124x25, SDM-L – 195x124x25 mm

# FRONT VIEW



1. Status LED – Power, HDCP, LINK, MODE
  - Power – Green = On
  - HDCP – Flashing = HDMI in, Off = no HDMI
  - LINK – Green = HDBaseT in
  - MODE – Flashing = Receiver working properly
2. LINKED In – RJ45
3. IR In (for IR receiver cable)
4. IR Out (for IR blaster cable)

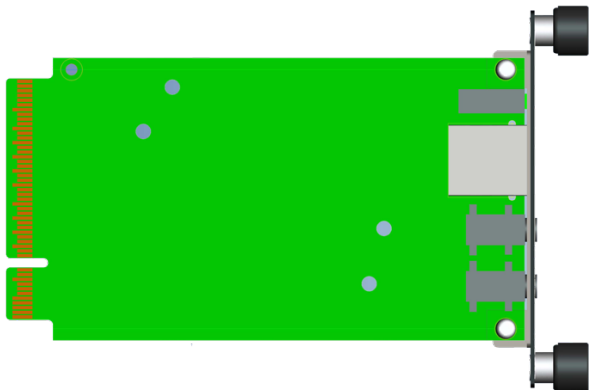
## SDM-S Mounting Bracket



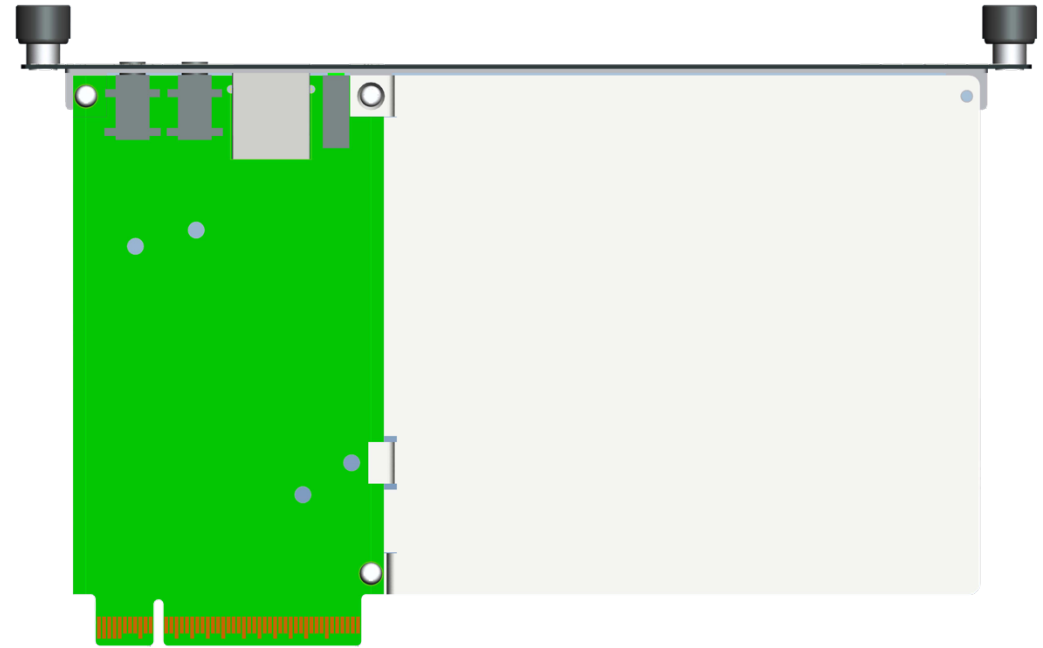
## SDM-L Mounting Bracket



## Assembly

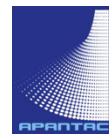
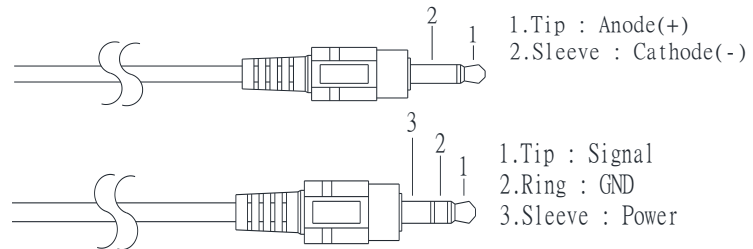


SDM-S



SDM-L

## IR Blaster Cables



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