



APANTAC SDM-HDBT-R-UHD Smart Display Module Platform Installation Guide

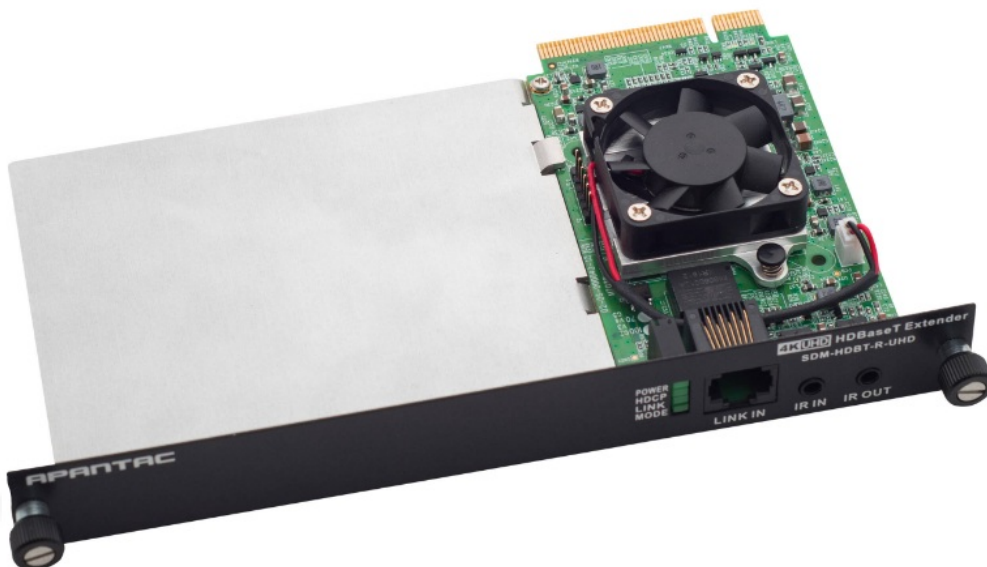
[Home](#) » [APANTAC](#) » APANTAC SDM-HDBT-R-UHD Smart Display Module Platform Installation Guide 

Contents

- [1 APANTAC SDM-HDBT-R-UHD Smart Display Module Platform](#)
- [2 Overview](#)
- [3 Package Contents](#)
- [4 Features](#)
- [5 Specifications](#)
- [6 Front View](#)
- [7 Assembly](#)
- [8 IR Blaster Cables](#)
- [9 Documents / Resources](#)



APANTAC SDM-HDBT-R-UHD Smart Display Module Platform



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, 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
- Maximum Power Consumption – 9W max

Specifications

Function	SDM-HDBT-R-UHD
SDM Edge Connector	Intel SDM PCIe8(98pin) x1
HDBaseT Link In	RJ45x1
IR In/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
Environment	Operating temperature – -20C ~ 60C Humidity: 10% ~ 90% / non-condensing
Weight	300g without packaging
Dimensions (LxWxH)	Board: 60x110x20 SDM-S: 80x124x25 SDM-L: 195x124x25 mm

Front View



1. Status LED – Power, HDCP, LINK, MODE
 1. Power – Green = On
 2. HDCP – Flashing = HDMI in, Off = no HDMI
 3. LINK – Green = HDBaseT in
 4. 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

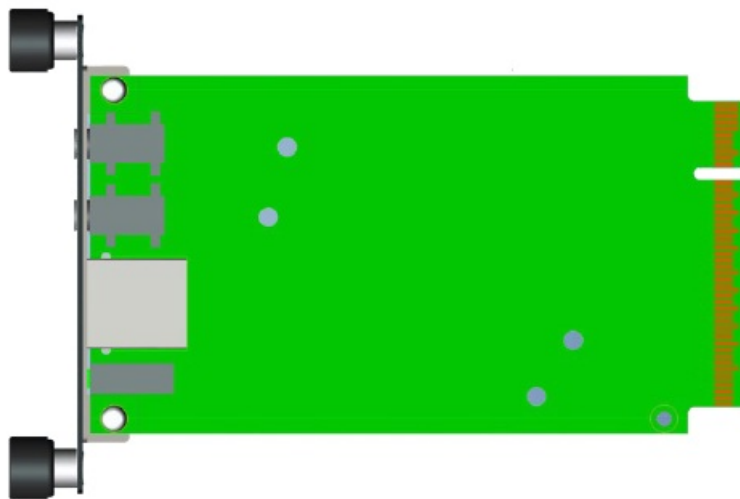


SDM-L Mounting Bracket

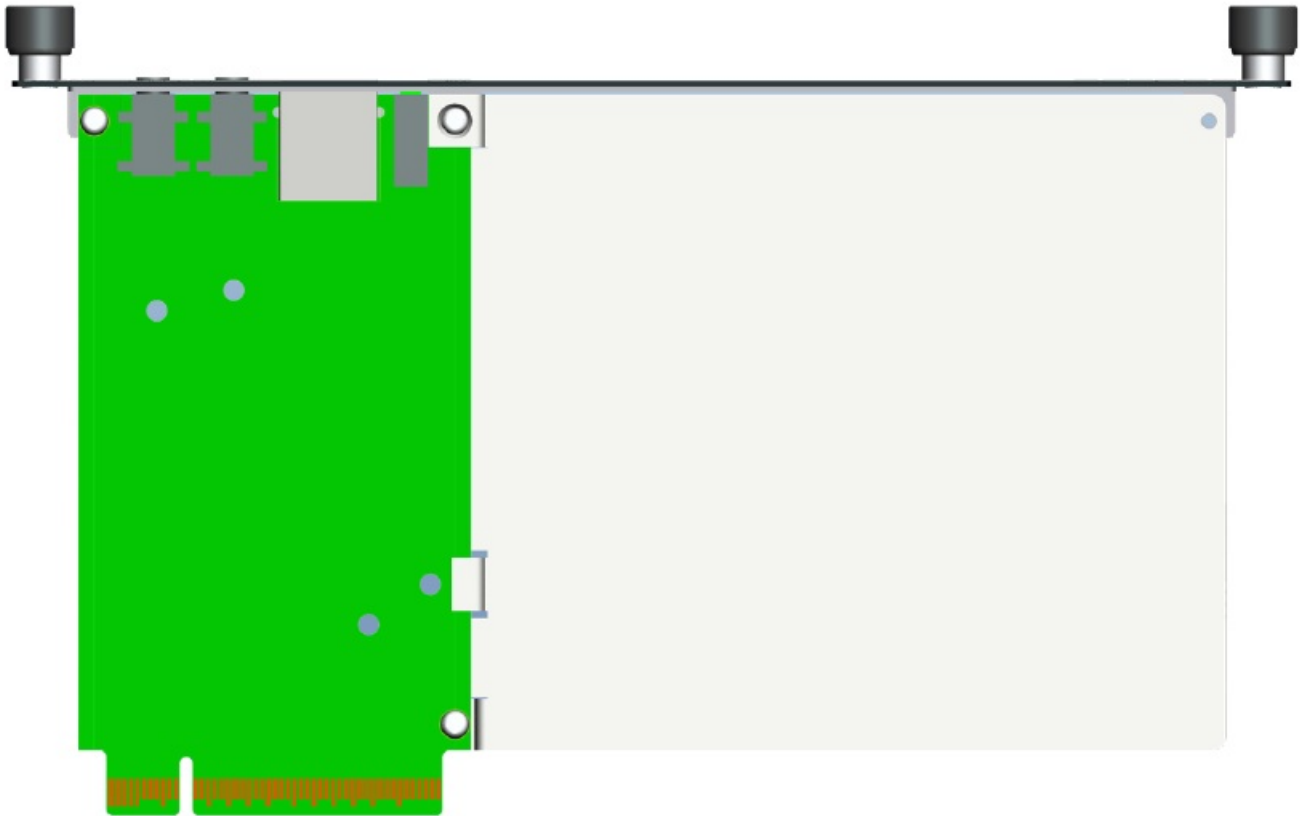


Assembly

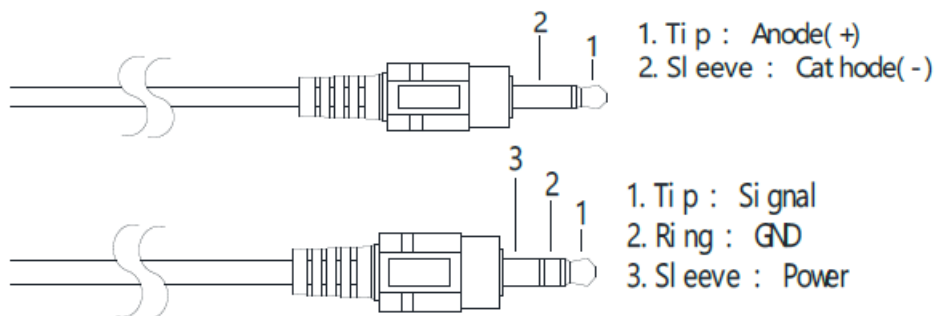
SDM-S



SDM-L



IR Blaster Cables



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Documents / Resources



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SDM-HDBT-R-UHD Smart Display Module Platform, SDM-HDBT-R-UHD, Smart Display Modul
e Platform, Display Module Platform, Module Platform, Platform