



4K TABLE CONVERTER WITH HDBASET

TAP-AV-1005 Datasheet

INTRODUCTION

aegis' 4K Table Converter with HD Base T offers 3 HDMI and 1 USB 3.0 Type-C inputs, providing single or multi-screen split options. Delivering up to 4K UHD high-quality images, the 4K Table Converter with HD Base T can extend high-quality video and audio up to 100 meters over a standard network cable (RJ-45) using the HD Base T protocol.

Designed for versatility, the 4K Table Converter with HD Base T can be installed on tables, woodworks, or walls, offering a flush-mounted installation.

FEATURES

- ✓ 3 HDMI inputs, 1 Type-C input.
- ✓ 1 HDMI output.
- ✓ Seamless switching between different input sources.
- ✓ Designed for both desktop and wall mounting.
- ✓ Removable front panel for easy installation.
- ✓ Supports direct screen mirroring from Type-C enabled mobile devices.
- ✓ Simultaneous HDMI and HDBaseT output.
- ✓ Supports HDBaseT protocol, allowing transmission of 4K/30Hz resolution up to 100 meters and 1080P resolution up to 150 meters using Cat.5e cable.
- ✓ Equipped with a USB 3.0 Type-C (PD 45W) charging port.
- ✓ Supports HDBaseT PoC power supply mode.
- ✓ Maximum resolution: 4K/30Hz 4:4:4 UHD.

TAP-AV-1005 Specification	
Video output	RJ45(For HDBaseT),HDMI(Local Out)
HDMI Local resolution	480P/720P/1080P@24Hz/30Hz/50Hz/60Hz,up to 4K@30
HD Base T resolution	480P/720P/1080P@24Hz/30Hz/50Hz/60Hz,up to 4K@30
Video Resolution	720P50/60Hz 1080P50/60Hz, 4K2K24Hz 4K2K30Hz,4K2K@50/60Hz (4:4:4)
HD Base T length	4K30 100M,1080P up to 150M
HDMI Audio format	Dolby True HD/DTS HD/Dolby Atoms/ Dolby Digital 5.1 / Dolby Digital Plus/ DTS 5.1/LPCM
Audio output Connector	Phoenix 3.81mm/Phone jack 3.5mm
Power Changer	Power Delivery Max.45W
Max bandwidth	297MHz
Max baud rate	6Gbps
Output cable length	4K/AWG 30 ≤2m
Transmission distance	4K/Cat5e 100M,1080P Cat5e up to 150M
Power Specification	AC 100~240V; HDBaseT PoC
Operation Temperature	-5°C ~ 40°C
Humidity	5~85% RH (non-condensing)
Dimension	270mm(W)×110mm(D)×63mm(H)
Weight	2300g

