

Description

APAC AH-UD-RPT1 enables HDMI data transmission up to 20 meters at 4K2k/60Hz, which shows the advantage of high performance and good signal quality as well as low cost.



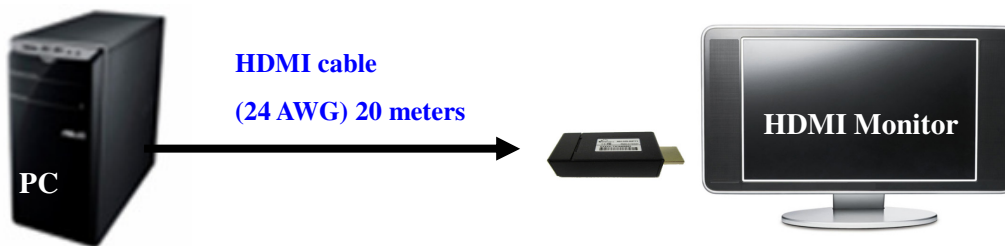
Features

- Extend the distance up to 20 meters with a high resolution 3840*2160 HDMI data.
- HDCP fully compliant.
- Free external power supply.

Application

- Remote monitor for medical, industrial, military control
- Far-end LCD, Projector, Plasma display connection
- Large video wall system

Application Note





HDMI Repeater

Extends HDMI 4K2K@60Hz Link Up To 20 Meters

Ordering information

Part Number

AH-UD-RPT1

Package include

- AH-UD-RPT1 × 1

Specification

PARAMETER	SPECIFICATION	NOTE
Max length	20M	
Max resolution	3840x2160	60Hz
Max video bandwidth	6 Gbps per channel	
HDCP compliant	YES	
Operating voltage	DC 5V	
Electrical Power consumption	5V/ 210 mA	
Operating Temperature	0°C to 50°C	
Storage Temperatute	-20°C to 75°C	
Dimension	46.7 × 24 × 17	L × W × H (mm)
Weight	41.4 g	

Requirements

- HDMI Source (PC/NB/MAC graphic card HDMI output)
- HDMI Sink (HDMI monitor or projector)



HDMI Repeater

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Installation

Step1. Connect HDMI 20m cable from HDMI Repeater IN to PC.

Step2. Connect HDMI Repeater to Monitor.

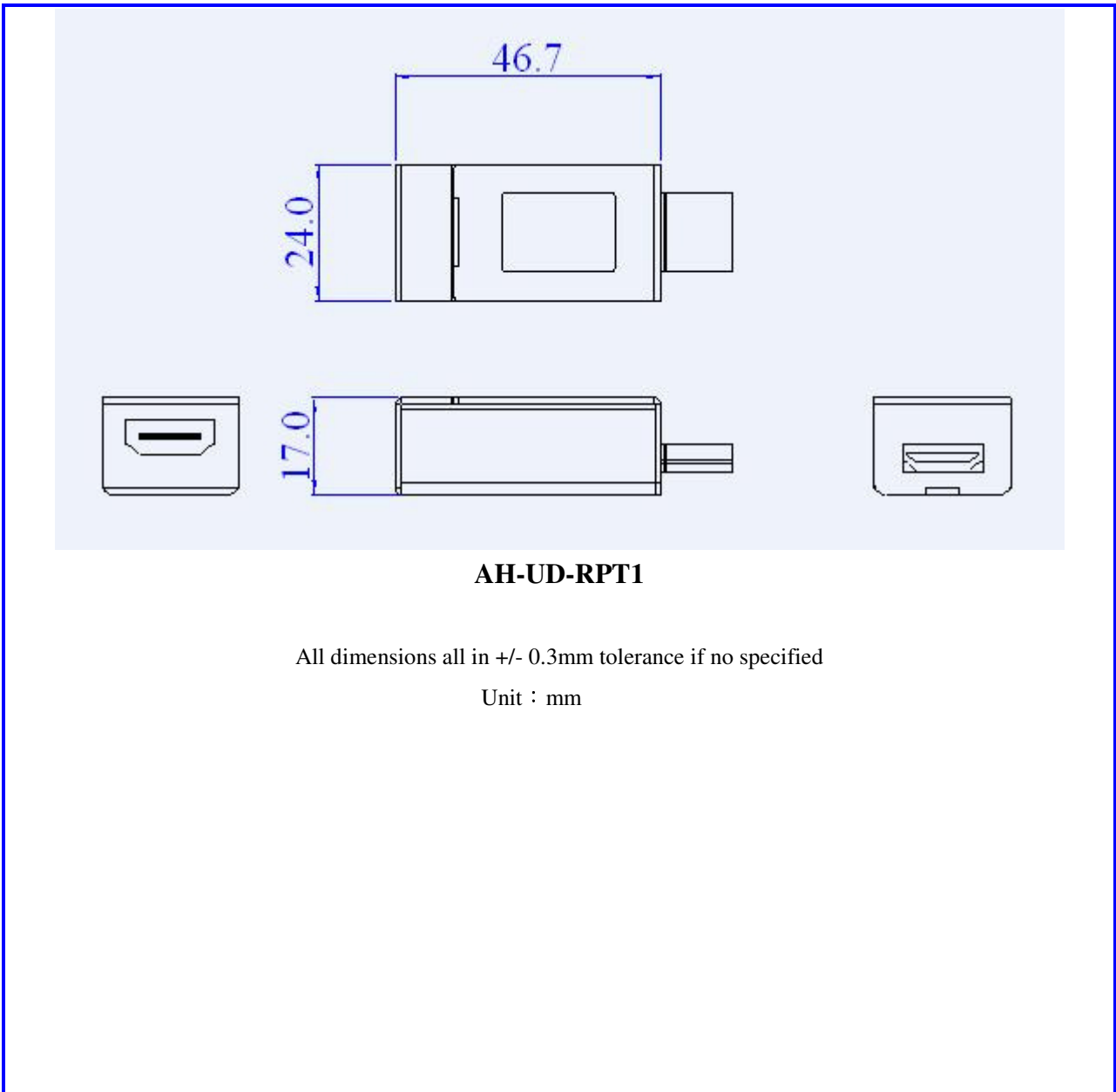
Test Equipment

PARAMETER	SPECIFICATION	NOTE
PC	Win7- 64bit	
Monitor	ACER S277HK	
Graphics card	NVIDIA GTX980 (ASUS)	
HDMI Cable	20 M (LINDY 24 AWG) 15 M (LINDY 24 AWG)	
HDMI2.0 RPT	AH-UD-RPT1	

Test Report

AH-UD-RPT1 Product Test		RPT-A	RPT-B	RPT-C	RPT-D	RPT-E
HDMI Cable 20M	20M-1	OK	OK	OK	OK	OK
	20M-2	OK	OK	OK	OK	OK
HDMI Cable 15M	15M-1	OK	OK	OK	OK	OK
	15M-2	OK	OK	OK	OK	OK

Dimensions



Safety Regulation

CE and FCC approved.

