

DIPP04/AP1 (70m) HDBaseT 3:1 Scaler Switcher (HDMI / DP / VGA)



The **DiPP04/AP1** is a pair of automatic switcher that switches and scales input from multiple formats to output onto a display via HDBaseT.

It is able to automatically detect and switch input signals from HDMI, Display Port and VGA based on manual selection or last connected input. The signal will be automatically scaled and passed through a single CAT-5 cable using HDBaseT technology to the display (or receiver) up to 70m. Bi-directional IR and RS-232 commands can also be passed through the same cable to control the source and display. Power over cable is also supported, allowing the receiver or transmitter to power up without connecting to a power adaptor.

The DiPP04/AP1 also comes with a 8 pin 2.54mm connector for convenient integration with ABtUS IFP-600 series of modular interface panels.

Features

- Automatic input detection & selection (Based on manual selection or last connected input)
- Supports up to 4K 2K resolutions
- Scaled video output to 1080p @ 60Hz
- Extends HDMI / VGA up to 70m
- Supports bi-directional IR and RS-232
- Support POC (power over cable)

Technical specification

Input:	1 × HDMI 1 × Display Port 1 × VGA
Output:	1 × RJ45
Control:	Front Panel & 8-pin external control
HDMI Compliance:	Yes
HDCP Compliance:	HDMI Deep color, Full 3D & 4K 2K
Scaled Video Support:	1080p @ 60Hz 36-bit color
Max Video Support:	1920 × 1200, 4K 2K @ 60Hz 36-bit color
Audio Support:	Surround sound (up to 7.1ch) or Stereo Digital Audio
Transmitter Range:	Full HD (1080p) up to 70m through HDBaseT
IR Passthrough	Bi-directional
RS-232 Passthrough:	Yes
Power adaptor:	24V 1A
Gross dimension:	120 × 210 × 120 mm
Gross weight:	890 g

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Typical applications

Any integration that requires multi format inputs over a long distance or requires HDBT outputs.

- Schools (Classroom, Lab, Hall etc.)
- Churches
- Corporate Applications (Board Room, Function Room etc)
- Rental

Diagram

