

# TECHNICAL SPECIFICATION

## P31H-01-WH



**Description:** HDBT Smart System, All-In-One AV Control System

**Why Use This Product:** This HDBaseT Smart System offers full AV control all in one package. The system has a built-in smart feature for auto on/off of display and can be combined with the Smart Keypad for push button control.

### Key Features

- Multi-format inputs for VGA/USB/HDMI(x2)
- Perfect for education classrooms & boardrooms
- Extend (2) HDMI & (1) VGA with USB
- Amplifier & mixer built-in for convenience
- Pre-set automation for display devices



**Front View**



**Back View**

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HDMI 1.4b HDBaseT Smart System

1723 W. 4th Street Tempe Arizona 85281  
P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com | www.covid.com

Disclaimer: Conditions of use may vary. Information is subject to change without notice.

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### Technical Specifications

#### Technical

HDMI Compliance.....HDMI 1.4b  
HDCP Compliance.....HDCP 2.2 and HDCP 1.4  
Video Bandwidth.....10.2Gbps  
Video Resolution.....1080P@120Hz, 4K@30Hz  
Color Space.....RGB, YCbCr 4:4:4, YCbCr 4:2:2  
Color Depth.....8-bit,10-bit, 12-bit  
HDMI Audio Formats.....LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTSHD Master Audio, Dolby Atmos, DTS:X  
ESD Protection.....Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

#### Connections

Transmitter Input Ports.....2x HDMI IN Type A, 1x VGA Female, 1x AUDIO IN 3.5mm Mini-Jack, 1x RS-232/POWER  
Transmitter Output Ports.....1x HDBaseT OUT RJ45  
Receiver Input Ports.....1x HDBaseT IN RJ45, 1x MIC IN, 1x USB Type-A, 1x TCP/IP RJ45  
Receiver Output Ports.....1x HDMI OUT Type A, 1x RS-232, 1x RELAY, 1x AUDIO OUT, 1x 2x30watts@4 ohms amplifier output

#### Mechanical

Housing.....Metal Enclosure  
Color.....Black, White  
Transmitter Dimensions.....115.9mm [W] x 114.3mm [D] x 38.7mm [H]  
Receiver Dimensions.....250mm [W] x 104mm [D] x 30mm [H]  
Control Panel Dimensions.....69.9mm [W] x 114.3mm [D] x 22.2mm [H]  
Weight.....**Transmitter: 305g, Receiver: 790g, Control Panel: 180g**  
Power Supply Input.....AC100 - 240V 50/60Hz  
Power Supply Output.....DC 24V/3.75A (US/EU standards, CE/FCC/UL certified)  
Power Consumption.....75W (Max)  
Operation Temperature.....32° - 104°F / 0° - 40°C  
Storage Temperature.....-4° - 140°F / -20° - 60°C  
Relative Humidity.....20 - 90% RH (No Condensation)

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