



# kramer

## PT-12

4K60 4:2:0 HDMI Controller

| HDMI | 4K/60 UHD (4:2:0)



PT-12 is a CEC-enabled TV/display ON/OFF controller and extended EDID processor for HDMI signals up to 4K@60Hz (4:2:0) resolution. When PT-12 detects an HDMI cable plug, it automatically turns on the connected display, and automatically shuts down the display when signal loss is detected. PT-12 is an EDID processing tool for controlling the EDID functions

## FEATURES

**Plug-and-Play Display Operation** - Simplifies meeting presentation operation by automatically turning ON/OFF a CEC-enabled display when the presentation source is plugged in / unplugged with user-defined shut-down delay

**High-Performance HDMI Controller** - Supports pass-through of signals up to 4K@60Hz (4:2:0) resolution with user control on signal capabilities and functions

**HDCP Authorization** - Controlled device appearance as HDCP authorized to allow unsecured content display by all market-available computer sources

**Video Signal Control** - Controlled color depth attributes and color space forcing capabilities of passing-through video signal, along with EDID locking configuration to ensure proper video display

**Audio Signal Control** - Controlled audio-channels limitation of passing-through audio signal

**Display Control** - Display auto shut-down upon no signal detection with user-defined delay, as controlled by end-user settings

**Simple Operation** - DIP-switches available for simple controller functions by end-user

**Cost-Effective Maintenance** - Status LED indicators for HDMI ports and power facilitate easy local maintenance and troubleshooting. Local device management and firmware upgrade via mini-USB port and DIP-switches, ensure lasting, field-proven deployment

**Easy Installation** - Compact PicoTOOLS® fan-less enclosure for device-back mounting, or side-by-side mounting of 4 units in a 1U rack space with the recommended Kramer rack adapter



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## TECHNICAL SPECIFICATIONS

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Inputs	1 HDMI: On a female HDMI connector
Outputs	1 HDMI: On a female HDMI connector
Ports	1 USB: On a female mini USB connector
Video	Max Resolution 4K@60Hz (4:2:0) Max Data Rate: 10.2Gbps (3.4Gbps per data channel) Compliance: HDCP 1.4
User Interface	Indicators: HDMI In, HDMI Out, Power LEDs Controls: 8 DIP-switches
Power	Source: 5V DC Consumption: 315mA
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RHL non-condensing
Enclosure	Cooling: Convection Type: Aluminum Size PicoTOOLS®
Regulatory Compliance (Standards Compliance)	Vibration ISTA 1A in carton (International Safe Transit Association)  Safety: CE Environmental: RoHs, WEEE
Accessories	Included: Power supply, bracket kit
Product Dimensions	6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96" ) W, D, H
Product Weight	0.1kg (0.2lbs) approx
Shipping Dimensions	49.00cm x 18.60cm x 58.80cm (19.29" x 7.32" x 23.15" ) W, D, H
Shipping Weight	0.6kg (1.3lbs) approx



