

kordz



*ICRealtime is the exclusive Master Distributor
of Kordz in the United States and Canada.*



ICREALTIME®

Security Solutions



PRO

PRS

Compact 10.2 Gbs HDMI Extender Over Single CAT6

10.2Gbs HDMI + Data Extender Over Single CAT6

The PRO series HDMI cables are targeted at the professional custom installer. Modest in looks, they still offer high degrees of mechanical integrity and reliability Kordz has become renowned for. Construction of the PRO series HDMI borrows principles found on our higher end cables, such as solid-core conductors and B.O.S.S. termination. Installers will appreciate the short mounting depth connector and flexible round cable profile. Available in a range of lengths from 0.5m through to 20m, the PRO series support the latest audio and video formats up to and including 1080p and 3D, catering for devices such as Blu-ray, HD cable and the latest game consoles.

Engineered from the ground up, the PRS series offer everything the custom installer is looking for in a HDMI® cable. Starting with the ProGrip™ connectors, they provide a secure 'locking' fit with 3kg of extraction force - triple that of ordinary connectors - while also being our most compact connector yet, small enough to fit through a 3/4" conduit.

The round cable profile provides excellent flexibility while still maintaining CUL fire ratings for concealed installations. Longer lengths include built in RedMere technology to enable full 'High Speed with Ethernet' performance to a staggering 18m. This means even the latest technologies like 3D and 4k video are supported, regardless of the length chosen.

Using cutting edge HDBaseT technology, the PLX-HDB.1 extends HDMI up to 10.2Gbps over a distance of up to 40m and up to 100m at 1080p. The simple plug and play design uses industry standard CAT6 cable for simple installation. The maximum 10.2Gbps bandwidth enables the full featureset of the current HDMI specification, so features like 3D and 4k video are supported as standard.

The compact metal housing has optional mounting tabs to enable concealed installations. The housing also acts as a heat sink, allowing continual use without the need for a noisy fan. A simplified front display gives feedback on connection status and HDMI transmission with or without HDCP.

Using cutting edge HDBaseT technology, the PLX-HDB.4 Extends HDMI, Ethernet, IR & RS-232 up to 10.2Gbps and over a distance of up to 100m using a single CAT6 cable. Unlike conventional single cable extenders, there is no limitation on resolution support - the maximum bandwidth of 10.2Gbps supports all video/audio modes in the current HDMI specification.

The PLX-HDB.4 was designed with the custom installer in mind. It features PoE, allowing the receiver unit to be powered from the transmitter unit. Convenient mounting tabs allow for vertical installation, while clearly labelled connections are located at the rear of the units. A simplified front display gives feedback on all essential connection information.

<u>Technical</u>	<u>Technical</u>	<u>Technical</u>	<u>Technical</u>
B.O.S.S. termination for consistent and reliable signal integrity	OFC solid-core TMDS conductors for high signal quality	HDBaseT technology extends uncompressed HDMI over a single CAT6 cable	HDBaseT technology extends uncompressed HDMI over a single CAT6 cable
Connectors fit firmly into HDMI receptacle	Heavy-duty shielding for extreme noise environments	Transmission range up to 40m at full 10.2Gbps data rate	Transmission range up to 100m at full 10.2Gbps data rate
Support for up to Full HD 1080p/60 across all lengths	CMG in-wall fire-rated jacket	Transmission range up to 100m at 1080p (24bit color)	HDMI up to 10.2Gbps, including support for 1080p 60/120, Deep Color, HD-3D and 4Kp/24 video, HD Audio formats and Audio Return Channel (ARC))
Solid OFC conductors	High Speed - provides 4K video up to 18.0m / 59'	HDMI up to 10.2Gbps, including 1080p 60/120, Deep Color, HD-3D and 4Kp/24 video, HD Audio formats and Audio Return Channel (ARC)	Supports 3+3 port (transmit and receive ends) 100Base-T Ethernet, acting as a 6 way switch
Pre-moulded PVC/ABS rear shell		TIA/EIA-568-B terminated CAT cable recommended	Supports IR & RS-232
Round cable geometry		CAT5e supported but may reduce operating range	Power at source (transmit) end. Uses Power Over Ethernet (POE) to power receiver unit
HDMI compliant		External power on transmit and receive units (included)	Robust casing can be mounted vertically
		Vertical surface mountable with optionally attachable brackets	HDCP compliant
		HDCP compliant	
		Dimensions (W x H x D mm): 77.2 x 50 x 25 - transmit and receive units	

IC Realtime LLC

3050 N Andrews Avenue Extension | Pompano Beach, FL 33064
(866) 997-9009 | www.icrealtime.com

Designs and specifications subject to change without notice. Copyright © 2015 IC Realtime, LLC. All rights reserved.

