VA-4X

4-Channel 4K HDMI Extender / Toolbox

| HDMI

VA-4X is a versatile 4K@60Hz (4:4:4) HDMI multi-channel extender that equalizes and reclocks TMDS data before re-transmitting the signal, thus increasing the HDMI cable range for all 4 outputs. It is a true 4-channel HDMI "Toolbox", with functionality including 4 independent test-pattern generators, chroma sub-sampling down-conversion and EDID management options, and, of course, video extension

FEATURES

Extension without Loss of Quality - Kramer Equalization & re-Klocking™ Technology rebuilds the digital signal integrity to travel longer distances. Typically extends 4K@60Hz (4:4:4) signals 20m from point to point (10m on the input and 10m on the output)

Zero-latency compression - Enables reducing 4K@60Hz resolution from 4:4:4 to 4:2:2 or 4:2:0 chroma sampling on up to four HDMI signals
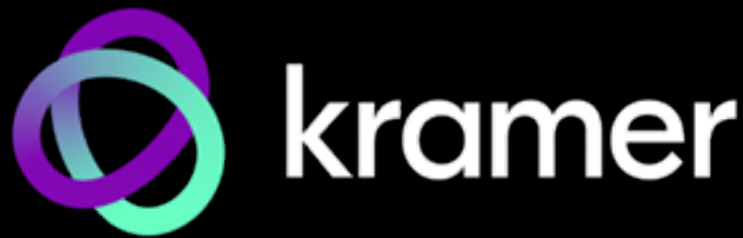
Easy EDID Management - Via a user-friendly software application or OSD menu, select from the following EDID options: default (internal), external (sink) or user defined EDID

Content Protection Compatibility - Interoperability between HDCP 2.2 and HDCP 1.4 systems for up to 4 HDMI sources simultaneously

Comprehensive Signal Testing - Independent pattern generator on each output with a variety of patterns and resolutions to choose from

Local Control and Configuration - Use the OSD menu via front panel buttons for management and control of the EDID, chroma reduction and pattern generator, and for firmware upgrade and factory reset. Convenient USB port for EDID application control and firmware upgrade

Easy Installation - Compact MegaTOOLS® fan-less enclosure for surface mounting or side-by-side mounting of 2 units in a 1U rack space with the recommended rack adapter

TECHNICAL SPECIFICATIONS

Inputs	4 HDMI On female HDMI connectors
Outputs	4 HDMI On female HDMI connectors
Ports	1 USB On a female USB type−A connector for firmware upgrade
	1 RS-232 On a 9−pin D−sub connector for EDID management via a software application
Video	HDCP Standards Compliance 1.4 & 2.2
	Max. Resolution 4K@60Hz (4:4:4)
User Interface	Control OSD menu via front panel buttons
	Indicators Power LED
Power	Source 5V DC
	Consumption 1.8A
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
Product Dimensions	19.00cm x 11.60cm x 2.70cm (7.48" x 4.57" x 1.06") W, D, H
Product Weight	0.5kg (1.0lbs) approx
Shipping Dimensions	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H
Shipping Weight	1.0kg (2.2lbs) approx