

Single-Link DVI, Dual-Link DVI and HDMI cable extenders

DVISL-Extender, DVIDL-Extender and HDMI-Extender

Highlight features

- 50 meter DVI and HDMI cable compensation
- Cable compensation for DDC communication
- Compact sized metal enclosure



Lightware DVISL-Extender, DVIDL-Extender and HDMI-Extender are designed to extend the usable range of high performance DVI and HDMI cables up to a maximum of 50 m. These extenders are state-of-the-art dynamic equalizers that perform high speed cable compensation on long DVI and HDMI cables. The amount of equalization is automatically adjusted regardless of cable length connected. These units provide up to 40 dB of insertion loss correction at 825 Mhz.

DVISL-Extender, DVIDL-Extender and HDMI-Extender rear view



DVISL-EQ



DVIDL-EQ



HDMI-EQ

Features

- Rugged, Ultra-compact, metal enclosure
- Supports all HDTV resolutions up to 1080p (8, 10 or 12 bits per color)
- Supports PC resolutions up to 3840 x 2400 (DVIDL-Extender) or 1920 x 1200 (DVISL-Extender, HDMI-Extender)
- Maximum distance from source to extender: 50 m
- Maximum distance from extender to display: 5 m
- Locking connector for DC Power Supply for added security
- LED Indicates presence of Active DVI/HDMI signal
- Automatic adaptive cable equalization (manual on request)
- Cable equalization on DDC lines

Connectors

Input / Output (DVISL and DVIDL):	29-pin DVI-D connector
Input / Output (HDMI):	19-pin DVI-D connector
Power:	locking DC connector (2.1 / 5.5 mm)

Specifications

Maximum Data Rate	2.25 Gbps
Max res. (DVISL, HDMI):	1920 x 1200
Max res. (DVIDL):	3840 x 2400
Color depth:	24, 30 or 36 bits deep color
LED indicators:	power, signal present
Input cable equalization:	0-40 dB automatic (manual on request)
HDCP pass through:	Yes (direct connect)
Power supply:	External universal power adaptor (100 to 240 V AC, 50/60 Hz), (5 V DC, 2 A)
Power cons. (DVISL, HDMI):	1 W (typical) 1.3 W (max)
Power cons. (DVIDL):	1.8 W (typical) 2.4 W (max)
Enclosure:	1 mm metal
Dimensions (DVISL, DVIDL):	54 W x 67.4 D x 29.5 H mm
Dimensions (HDMI):	56,6 W x 42,3 D x 28,8 H mm
Net weight (DVISL, DVIDL):	130 gramms
Net weight (HDMI):	100 gramms
Compliance:	UL, CE, RoHS
Warranty:	3 years