

Extenders boost signals up to 330-feet



Digital connectivity solutions provider Gefen today announced that two new breakthrough products are currently shipping. The GefenPRO ELR (Extra Long Range) Extenders for HDMI with POL I and II both offer an extra long range extension of multiple signals up to 330-feet (100m) over just one CAT-5 cable.

Innovative Gefen POL technology based on the Power over Ethernet standard enables the delivery of power to the receiver unit using the AC power connected at the sender unit. Each receiver unit is equipped with an additional 5v output to power a supplemental product, such as a scaler, switcher or splitter at the display location.

The GefenPRO ELR Extender for HDMI with POL is ideal for installations where power requirements are limited or AC power outlets are not viable at the receiving side, such as when mounting projectors on the ceiling. By reducing the CAT-5 cable requirements from two to only one, it also allows installers to easily tap into existing in-wall CAT-5 type cabling, well suited for retrofitting.

HDMI resolutions of 1080p full HD, 3DTV support, audio, IR remote, RS-232 control, Ethernet and power are all delivered over a single CAT-5 cable to the remote location. Advanced HDMI features include 3DTV, deep color, lip sync and audio delay. Both the IR backchannel and RS-232 connection can be used to control the display from the remote location. Each receiver can be wall mounted for added convenience.

The GefenPRO ELR Extender for HDMI over CAT5 with POL II offers an optional receiver unit equipped with one additional HDMI input, so users can automatically switch between two HDMI sources, one connected to the sender, and the other

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Published on Electronic Component News (<http://www.ecnmag.com>)

connected to the receiver. Both HDMI sources can be alternately viewed at the remote location with auto switching, by IR remote, local front panel selection or RS-232 control. When one source powers down, this receiver will automatically switch to the alternative source.

Both products are rack mountable, come with a built-in internal power supply and are HDBaseT compliant.

Source URL (retrieved on 10/21/2014 - 2:41pm):

<http://www.ecnmag.com/product-releases/2011/12/extenders-boost-signals-330-feet>