

# LED Pro HDV1



The LED Pro HDV1 is a professional LED display controller that combines a display control and powerful front end processor, thus eliminating the need for an external scaler. It meets the stringent requirements of the broadcast and live production industries.

The unit also features an amazingly simple user interface. The LED Pro HDV1 can be fully configured using just one wheel and a button, so everything can be done with one finger. This makes working with LED video easier than ever!

Inputs include SDI, DVI, HDMI, and DP, supporting resolutions up to 1080p@60Hz. Grayscale depth can be up to 12 bits with HDMI input. All inputs can be fully configured with contrast, brightness, hue, saturation, and RGB gain, and they can be scaled up or down to fit the LED display resolution.

Configuring the system can also be done with a PC (Windows, Mac or Linux), a tablet, or even a smart phone. Real-time previews assist with system set-up and confirm source status.

Both DMX and GenLock interfaces are included, and professional control and synchronization are ready to go. Optical fiber outputs enable secure data transmission over very long distances. Dot calibration, diagnostics, redundancy, and many other features are also integrated.

The LED Pro HDV1 is the flagship product of Unitech's new generation of controllers, which are powerful in processing, professional in control, and friendly in user-interface.



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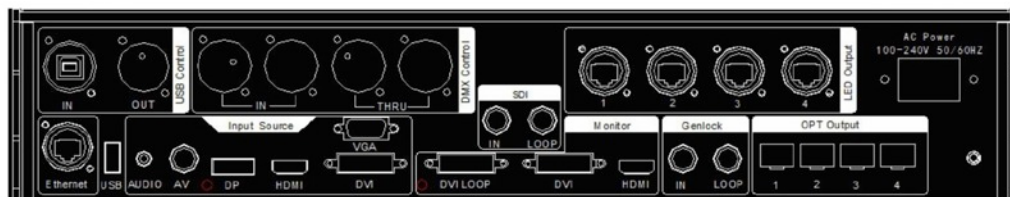


## INPUT

SDI	3G-SDI, HD-SDI, SD-SDI 480i, 576i, 720P, 1080i/P
DVI	Single link DVI, up to 1920x1200@60Hz. Support both RGB and YCbCr, progressive or interlaced
HDMI	HDMI 1.3 Standard, up to 1920x1200@60Hz HDCP support. Support both RGB and YCbCr, progressive or interlaced
DP	DP1.1 Standard
AV	Composite NTSC/PAL progressive or interlaced 10-bits/color sampling
VGA	VESA Standard, up to 1920x1200@60Hz

## OUTPUT

Ethernet	Up to 4 Gigabit Ethernet outputs
OPT Fiber	Up to 4 Gigabit OPT fiber outputs
SDI Loop	the same as SDI input
DVI Loop	the same as DVI input
DVI	For Monitor, resolution customizable
HDMI	For Monitor, resolution customizable



## DIMENSIONS

2U 19" rack chassis (480x88.9x300 mm)

## ELECTRICAL

100-240V AC~0.9A 50-60Hz

## GENLOCK

BNC Interface

Lock to an external reference input

GenLock Through

## REMOTE CONTROL

Fully Control over TCP/IP

Fully Control over USB

## DMX

DMX512 (In and Through) protocol support

## USER CONTROL

Front Panel Display

Front Panel Buttons