

Xtreme-Xtreme-Hx4

Four outputs. Endless possibilities.



FULL FLEXIBILITY READY TO GO

The EMS Xtreme-Hx4 is a stand-alone display wall controller with the capacity to run a single 4K HDMI source across four HD outputs in ultra-high definition. When used with the powerful Wall Designer application software, the Xtreme-Hx4 can represent any arrangement or configuration of the source image desired.

A popular choice for advertising boards, corporate signage and live event visuals, this cost effective control system is both easy to use and simple to set up.

FEATURES

- Infinite creative configurations
- One HDMI1.4 input (4K30), four HDMI1.3 (HD) outputs
- Rotate, crop, upscale, mirror and bezel correction
- HDCP support
- Gen-lock and frame-lock for tear free display
- True stand-alone operation: adapts to changes in source resolution by auto adjusting scale factors
- Network or USB interfaces allow platform independent control (Windows & MAC OS X 10.6 or later)

Stand alone display wall controller

ADDITIONAL FEATURES

Each output monitor can take its input from any region of the input image as all of the required cropping, scaling, rotation and frame-rate conversion is handled by the Xtreme-Hx4 hardware. These regions can overlap allowing any output to replicate another, or can be configured to support any creative splice of the source material.

This allows the support of many non-rectangular screen arrangements, as well as any mix of monitor orientations - allowing users to create an unlimited multi-monitor display canvas.

NETWORK CONNECTIVITY

The EMS Xtreme-Hx4 has a single ethernet connection, which can be used for status monitoring and complete control of the hardware. A flexible REST API is also supported to allow third party software integration.

WALL DESIGNER

EMS's hugely popular multi-screen design tool has been updated to incorporate Xtreme-Hx4. Wall Designer allows users to add displays from the ever expanding database of monitors, visualise their content by adding inputs and adjusting display regions, and then instantly program all units Xtreme-Hx4's either via USB or the network ports.

MODELS AVAILABLE

Order Code: EMS Xtreme-Hx4
4k display controller w/HDCP



SPECIFICATION

DIMENSIONS

Size

316mm (l) x 172mm (w) x 42mm (h)

Weight

(1.86kg)

OPERATING TEMPERATURE

0 °C to 35 °C / 32 °F to 96 °F

POWER REQUIREMENTS

IEC switched and fused mains connector
100-240V, 50/60Hz / 35W

VIDEO INPUT CONNECTIONS

1x HDMI1.4 (2160p/30 or equivalent up to 297MP/s)

VIDEO OUTPUT CONNECTIONS

4 x HDMI1.3 (1080p60, 1200p60 or equivalent up to 165MP/s)*

*Outputs within 165MP/s but taller/wider than 2048 require testing

INPUT SURFACE

4K x 4K maximum

GENLOCK INPUT

HDMI Input

CONTROL INTERFACES

100Base-T Ethernet port. USB 2.0 Type B connector

FIRMWARE SUPPORT

Updates supported via USB and Ethernet connection

STORAGE

-20 °C to 70 °C / -4 °F to 158 °F

RELATIVE HUMIDITY

5%-90% non-condensing

WARRANTY

3 years

All products are shipped with the latest software available, unless stated otherwise. Special requirements may be organised by contacting our Sales team.

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