

## KC40

# ALL-IN-ONE 4K LED VIDEO PROCESSOR

The KC40 is a LED display controller that integrates video processing and video control into one box and offers rich video input connectors (HDMI 2.0, DP 1.2 and 12G-SDI), 20x Ethernet output ports and 4x 10G optical ports. It can also work with the brand new software VMP (Vision Management Platform) to provide a better operation and control experience.



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## PRODUCT DETAILS

### KEY FEATURES

A variety of video input and output connectors

Supports 8-bit and 10-bit video inputs

Support up to 3 layers and layer priority adjustment in Z order, each supporting 4 scaling modes

14Ch Color Correction

Support HDR10 and comply with the SMPTE ST 2084 and SMPTE ST 2086 standards

Full-Grayscale Calibration

Low latency (adjustable from 0 to 2 frames)

Up to 128 customizable presets

Adaptive frame rate

Two working modes: Send-Only Controller mode and All-In-One Controller mode

Multiple control modes: cascading, software control and SNMP, Art-Net, and central control protocols

Automated system monitoring and alarm

### SPECIFICATIONS

1x HDMI 2.0: Resolution up to 4096x2160@60Hz; loop-through supported

1x DP 1.2: Resolution up to 4096x2160@60Hz or 8192x1080@60Hz

**1x 12G-SDI** Resolution up to 4096x2160@60Hz

20x Gigabit Ethernet ports with loading capacity up to 9 million pixels and maximum output Width/Height of 16.384 pixels

4x Optical Ports with a transmission rate of 10.3125 Gbps

**Audio** 1x SPDIF digital audio port (Reserved)

2x Gigabit Ethernet Control ports (supports cascading up to 20 units)

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1x Genlock Signal input (with loop through, supports Bi-Level, Tri-Level, and Blackburst)

1x RS232 Auxiliary port for connection to central control devices

1x USB 2.0 for exporting diagnostic results

**Control Software** Vision Management Platform (VMP)

**Power Input** 100-240V~, 50/60Hz, 1.5A

**Power Consumption** 82W

**Dimensions** 482.6 mm x 94.2 mm x 467.0 mm (foot pad included)

**Net Weight** 7.4 kg

**Front Display** 3.5-inch TFT screen

**IP Rating** IP20

**Operating Temperature** -20°C - 45°C (-4°F -113°F)

**Operating Environment Humidity** 0% to 80% RH, non-condensing

**Storage Environment Temperature** -30°C to 80°C (-22°F -176°F)

**Storage Environment Humidity** 0% to 95% RH, non-condensing