KU20

LED DISPLAY CONTROLLER

The KU20 is an LED display controller with 6 Ethernet ports in the brand-new control system COEX series of Novastar.

This controller offers 1x HDMI input, 6x Ethernet outputs and 1x optical output. It can also work with the brand-new software VMP (Vision Management Platform) to provide a better operation and control experience.

The KU20 offers full grayscale calibration, pixel level brightness, chroma calibration, and low latency support with the latency at the sending card being 0 frames (less than 1 ms), all with the loading capacity not being reduced.

An optional video delay of up to 2 frames can be added at the sending card.

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PRODUCT DETAILS

KEY FEATURES

- Loading capacity up to 3.9 million pixels
- Maximum input resolution of 1920x1200@60Hz
- Image Scaling: Custom and Pixel to pixel
- Full Grayscale calibration thanks to Novastar high-precision calibration system
- Pixel level brightness and chroma calibration for high consistency for both brightness and chroma
- Supports both Low latency and Additional latency
- No rectangle restriction for irregular screens
- Adaptive to various video input frame rates
- System status monitoring
- Two working modes: All-in-one controller and Send-only controller modes
- VMP software control
- Supports SNMP and Art-Net protocols
- Control of cascading devices via Ethernet

SPECIFICATIONS

- 1x HDMI 1.3 input with Loop through (max. resolution 1920×1200@60Hz; min. resolution 800×600@60Hz)
- 6x Gigabit Ethernet output ports with max. capacity per port of 659.722 pixels and hot backup support
- 1x 10G optical port
- 1x HDMI Loop port. Up to 8 devices can be cabled in one loop
- 1x SPDIF digital audio output (Reserved)
- 2x Ethernet control ports and 1x Auxiliary port (Reserved)

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Input Voltage	100-240V~, 50/60Hz
Maximum power consumption	25W
Working temperature	from –20ºC to +50ºC
Working humidity	from 0% RH to 80% RH, non condensing
Product size	254.3 mm × 50.6 mm × 290.0 mm (10.1 x 1.99 x 11.42 in)
Product weight	2.1 kg (4.63 lbs.)
IP Rating	IP20

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