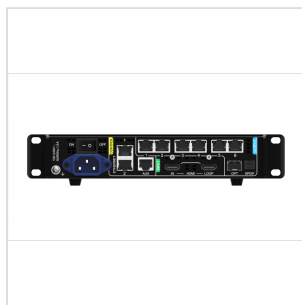# FRENEXPORT

KU20
LED DISPLAY CONTROLLER NOVASTAR KU20

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