

## MX20

# LED DISPLAY ALL-IN-ONE CONTROLLER

The MX20 is an all-in-one LED display controller in the brand-new control system COEX series by Novastar. This controller integrates video processing and video control into one box and offers 2x HDMI 1.3, 1x 3G-SDI input connectors, 6x Ethernet output ports, and 2x 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

Supports up to 3 independent layers with priority adjustment

Supports 4 Image Scaling modes: Custom, Pixel to Pixel, Snap to Canvas and Fill Screen

14 Ch Color Correction with precise adjustment options

High-precision Full-Grayscale Calibration system

Supports both Low latency and Additional latency

No rectangle restriction for irregular screens

Frame Rate Adaptive, including decimal frame rates and custom frame rates

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

System Monitoring: Device status and Screen status monitoring

VMP software control (Vision Management Platform)

SNMP and Art-Net protocols supported

Cascading control via Ethernet

### SPECIFICATIONS

**2x HDMI 1.3 inputs + Loop with max resolution of 1920x1200@60Hz. Max width**

3840 pixels (3840x600@50Hz). Max height

1x 3G-SDI input + Loop with max resolution of 1920x1080@60Hz

6x Gigabit Ethernet output ports with max device loading capacity of 3.9 million pixels

**2x 10G Optical output ports**

OPT 1 for data transmission, OPT 2 for copy

1x SPDIF output port (reserved)

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2x Gigabit Ethernet control ports with TCP/IP protocol and star topology support

1x Genlock port + Loop

1x Aux port for connection to the central control device (RS232, reserved)

1x USB 2.0 Type-A for the export of device diagnostic results

**Input Voltage** 100-240V~, 50/60Hz, 0.8A

**Maximum power consumption** 50W

**Working temperature** from -20°C to +50°C

**Working humidity** from 0% RH to 80% RH, non condensing

**Product size** 482.6 x 49.9 x 384 mm (19 x 1.96 x 15.1 in)

**Product weight** 4.5 Kg (9.92 lbs.)

**IP Rating** IP20