MOONCELL MTB400E

TECHNICAL DETAILS

Input resolution (px×px)	2560x960
Input resolution (px×px)	1024x768
Input resolution (px×px)	1366x768
Input resolution (px×px)	2048x1152
Input resolution (px×px)	1920x1080
Input resolution (px×px)	1280x1024
Input resolution (px×px)	1600x1200
Capacity	2 600 000 pixels (device)
Capacity	650 000 pixels (per 1 port)
Max. frame rate	120Hz
Connectors	1 x 3.5mm jack (Audio input)
Connectors	2 x UART (RJ11, Input/output)
Connectors	1 x Sensor (4-pin DIN)
Connectors	1 x HDMI (Input)
Connectors	1 x DVI-I (Input, 24+5-pin D-Sub)
Connectors	4 x Gigabit Ethernet (RJ45, Output)
Connectors	1 x 3D (3-pin DIN)
Connectors	1 x Ethernet (RJ45)
Connectors	1 x USB-B
Supply voltage	100-240V AC; 50/60Hz
Width (mm)	480
Height (mm)	44.45 (1U)
Depth (mm)	250.8
Net weight (kg)	2.7

PRODUCT DESCRIPTION

Mooncell MTB400E is an advanced video processor designed for professional LED display control systems. It offers one DVI and one HDMI input, allowing flexible connection of various video sources. In addition, it has an audio input, allowing audio and video to be synchronized via a network cable.

The device is equipped with four gigabit Ethernet ports, which support any combination of screens vertically and horizontally, ensuring high quality and smooth images. Thanks to a USB interface, communication with a computer is possible, as well as cascading of multiple broadcast cards for easy management of extensive installations. The MTB400E also supports network port backup and dual master backup, increasing system reliability.

The processor supports a range of predefined resolutions, such as 1024×768, 1280×1024, 1366×768, 1600×1200, 1920×1080, 2048×1152 and 2560×960, and allows users to define their own settings, adapting to specific user requirements. It is compatible with a variety of refresh rates, including 30Hz, 50Hz, 60Hz and 120Hz, making it a versatile tool for various applications. In addition, with the optional ST_EXT expansion card, it is possible to cascade brightness control and automatically adjust brightness according to ambient conditions.

Advanced software enables real-time monitoring of the processor's performance and status, and a configuration readout function allows quick restoration of settings when needed. The MTB400E also offers gigabit network error detection, which increases the stability and reliability of the entire system. With these features, the Mooncell MTB400E is a reliable and flexible solution for professional LED installations, providing excellent image quality and easy integration with a variety of video systems.

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Product link:

https://rentalhouse.sqm.eu/gb/led-controllers/2322-mooncell-mtb400e.html