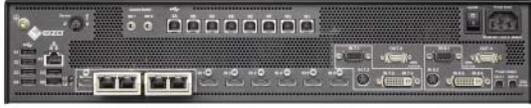**EIZO** ®

The Large Monitor Manager LMM0804 enables digital and analog images from various sources to be arranged flexibly on large-format or multiple monitors. The LMM0804 has been designed for use in operating rooms, where an extremely flexible image display is required during surgery because physicians work in teams and have various tasks. For this reason it is critical that each specialist be provided the necessary image information in the respective optimum field of view. This is why multiple monitors usually are installed in ceiling mounts in the operating room. The LMM0804 flexibly and intelligently compiles the respective image display for up to five monitors. Monitors with a resolution of up to 1920 x 1200, including Full HD (Full High Definition, 1920 x 1080), can be connected. At the same time, the image content for each individual unit can be defined separately.

- Small and compact size allows easy installation in existing systems.
- Up to 8 signal sources can be displayed simultaneously on a maximum of 5 connected monitors.
- The monitors can be connected over a distance of up to 36 m.
- Image is available within 4 secondes after system reboot.
- Maximum image latency of one frame (input to output provides almost real-time image).

Specifications

Cabinet Color	Anthracite Gray
Input Terminals	Digital: HDMI connectors (DVI signals only) x 6 Digital / Analog: DVI-I x 2 Analog: D-Sub mini 15 pin x 2, mini DIN x 2 8 simultaneous visible inputs
Input Performance	Digital: DVI-D (single link), 1920 x 1200 maximum, 60 Hz or 2048 x 1536, 30 Hz (165 MHz pixelclock maximum, horizontal size 2048 maximum) Analog: DVI-I, VGA, 1920 x 1200 maximum, 60 Hz (170 MHz pixelclock maximum, horizontal size 1920 maximum), S-Video (PAL/NTSC), SoG
Output Terminals	DVI-D (Single Link) x 4, for TDL connection (RJ45 connector), HDMI connector (DVI Single Link signal only) x 1
Output Performance	1920 x 1080, 1920 x 1200, 1600 x 1200, 1280 x 1024, 1368 x 768 (all connected monitors have to have the same resolution)
Communication Connector	Ethernet (RJ45)
USB Ports	USB downstream (for e.g. keyboard, mouse, joystick) x 6 USB upstream (for control of video applications on PCs) x 8
Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
Power Consumption	100 W
Degree of Protection	IP20
Net Weight	5.5 kg
Mechanical Adaption	19" rack design, 2 U high
OSD Languages	English, German, French, Japanese
Controls and Status	Graphical user interface and software control interface for operating, status and diagnosis, LED indicators for hardware status x 2, support of CID1000P
Certifications and Standards (Please contact the EIZO group company or distributor in your country for the latest information)	IEC/EN60601-1, CAN/CSA No. 60601-1:08, UL60601-1, EN55022-Class-B, C-tick, RoHS, China RoHS, WEEE, CCC
Supplied Accessories	AC power cord (us, eu, cn), adapter cable (HDMI ~ DVI), mounting brackets for rack or wall mount, screws x 4, TDL transmitter x 2, Utility Disk (Instruction for Use, test patterns)
Optional Accessories	Link set TDL3600-R90 (36 m cable x 2 with TDL receiver x 2 and power supply x 2), link set TDL2300-R90 (23 m cable x 2 with TDL receiver x 2 and power supply x 2): Two link sets are needed to connect three or four monitors, Cable & TDL Holder FMM0800, DVI-D ~ HDMI Signal Cable, DVI to HDMI Conversion Adapter
Warranty	Two Years

LMM0804

All Gather In One
The Large Monitor Manager bundles up different signal sources and distributes them to the available monitors. At the same time it enables you to control them from one location.

Long Distance Connectivity
With LMM0804 all monitors can be connected over a distance of up to 36 meters without loss of picture quality.

Saving time by Optimizing Workflow
Individual image placement and window size preferences can be easily arranged and recalled using the Large Monitor Manager. This enables providing necessary information at the right time and position.

Various Image Sources
The new Large Monitor Manager has 12 video connections; 8 of these connections can process digital DVI (Digital Visual Interface) signals up to a resolution of 1920 x 1200. Additionally, there are two PAL/NTSC (Phase Alternating Line/National Television Systems Committee) and two analog connections available. Up to 8 signal sources can be displayed simultaneously on a maximum of 5 connected monitors. Four of the connected monitors can display a flexibly combined image, the fifth monitor displays one of the digital image sources directly (loop through).

Short Start-Up Time
After a system reboot, the image is available within 4 seconds. This guarantees immediate readiness, even after a power failure.

Common Interface
This network interface allows customer applications automated control of Large Monitor Managers. Layout changes and status information e.g. can directly be done from x-ray system.

Local and Remote Control
Layout edition or layout change, either can be done with local keyboard & mouse or remotely by web browser interface. Simple user interface for layout change by using CID1000P.

Small and Compact Size
The small size allow flexible integration in existing systems, it can easily be mounted on a ceiling suspension, into a rack or into a wall console.
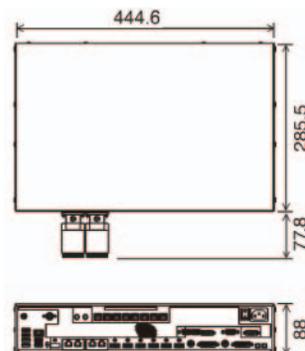
Designed for Medical Field Requirements
The Large Monitor Manager is designed in accordance with the special requirements for the medical field, so an ambient temperature of up to 45° C is permitted and the electrical safety is tested to IEC 60601-1. In addition, electronic components are selected which are available permanently to guarantee long-term system continuity.

Dimensions (Unit:mm)

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