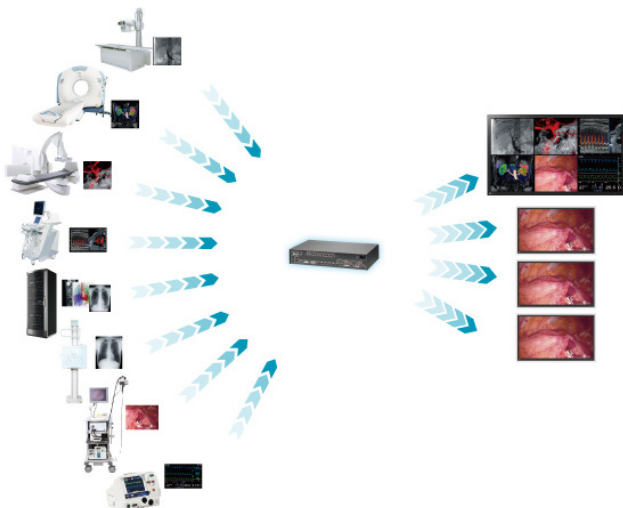




The Large Monitor Manager controls the display of various video signals on up to five monitors

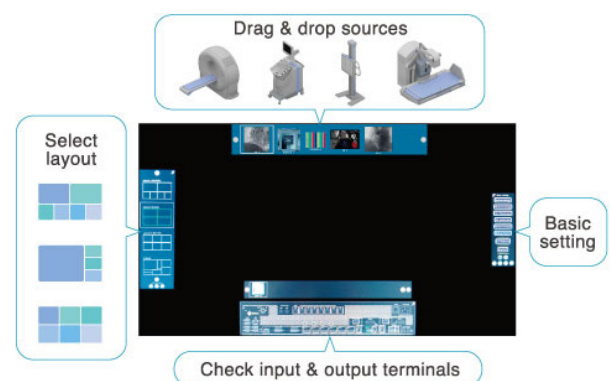
All gather in one

The LMM0804 bundles up different signal sources and distributes them to the available monitors. At the same time it enables you control them from one location.



Saving time by optimizing workflow

Individual image placement and window size preferences suited to the respective application can be easily arranged, predefined using the Large Monitor Manager. Using a touch panel console monitor the optimum display can be selected for the current work step. Alternatively, operation is possible using the iPad or a joystick. The user interface is intuitive, making costly user training unnecessary.



LMM0804

One monitor, keyboard and mouse

Working with the Large Monitor Manager, the operator can focus on a single monitor, keyboard and mouse instead of juggling with multiple systems. This speeds up workflow and reduces the potential for handling errors. Alternatively, a control of two work stations is possible.

Various image sources

The 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).

Different layouts on multiple monitors

With LMM0804, up to 8 signal sources can be displayed simultaneously on a maximum of 5 connected monitors. The necessary source information can be selected and displayed independently. This is useful when the multiple staff in surgeries stand in different positions and need different information.

Added inputs and outputs

For the Large Monitor Manager, up to 24 video sources and additional outputs are possible when combined with the Gefen Matrix.

Short start-up time and high safety level

The video signal is available at the output within 4 seconds. This guarantees immediate readiness, even after a power failure. A monitoring function and the possibility to communicate with the higher level of the system allows high functional safety.

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 and mouse or remotely by browser interface.

Long distance connectivity

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

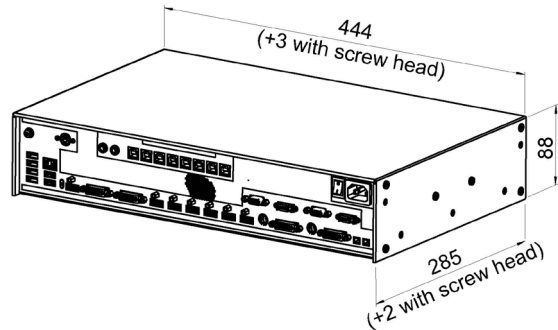
Designed for medical field requirements

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 according to IEC 60601-1. In addition, electronic components are selected which are available permanently to guarantee long-term system continuity.

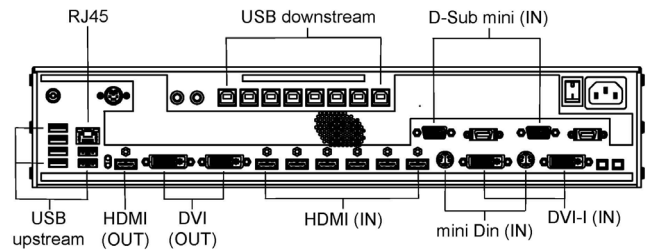
Specifications

| | | |
|---|---------------------|---|
| Cabinet Color | | Black |
| Video Signals | 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 (Dual Link) x 2 (connection of 2 monitors each: TID0102 or TDL Link Set needed), HDMI connector (DVI single link only) |
| | Output Performance | 4 x 2,3 MP (1920 x 1200), 4 x FHD (1920 x 1080), 4 x 2MP (1600 x 1200), 4 x 1MP (1280 x 1024), 4 x (1368 x 768) (all connected monitors have to have the same resolution) HDMI connector: 1 x FHD (1920 x 1080) |
| Communication Connector | | Ethernet (RJ45) |
| USB | Upstream | USB 2.0: USB-A x 8 (for control of video applications on PCs) |
| | Downstream | USB 2.0: USB-B x 6 (for e.g. keyboard, mouse, joystick) |
| Power | Power Requirements | AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz |
| | Power Consumption | 100 W |
| OSD Languages | | English, German, French, Japanese |
| Physical Specifications | Net Weight | 5,5 kg |
| | Mechanical Adaption | 19" rack design, 2 U high |
| Control and Status | | Graphical user interface and software control interface for operating, status and diagnosis, LED indicators for hardware status x 2 |
| Environmental Requirements | | IP20 |
| Certificates and Standards (Please contact EIZO for the latest information) | | CE, IEC/EN60601-1, CAN/CSA-C22.2 No. 60601-1:08, ANSI/AAMI ES60601-1, EN55022-Class-B, RCM, RoHS, China RoHS, WEEE, CCC |
| Supplied Accessories (Can vary in different countries. Please contact EIZO for further information) | | AC power cord (us, eu, cn), adapter cable (HDMI - DVI) x 6, mounting brackets for rack or wall mount, screws x 4, Utility Disk (PDF Instructions for Use, test patterns) |

Dimensions (Unit: mm)



Connectors



Accessories to connect monitors (optionally)



TDL Link Set



TID0102



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www.eizo-or.com/contact

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