LMM0804

Large Monitor Manager

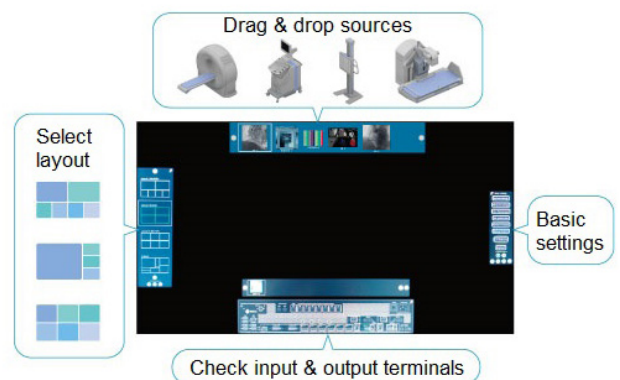# The Large Monitor Manager Controls the Display of Various Video Signals on up to Five Monitors

All Gather in One

The LMM0804 bundles up different signal sources, displays them concurrently on the connected monitors and enables to control them from one location.

Saving Time by Optimizing Workflow

The Large Monitor Manager allows users to predefine and easily rearrange and resize images and windows to suit the respective applications. Using a touch panel console monitor, the optimum display can be selected for the current use case. The user-friendly interface minimizes costly user training.

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.

Expandable Video Inputs and Outputs

Connect up to 28 video sources and 21 video outputs by using the Large Monitor Manager in combination with the Extron DMS 2000 DVI matrix switcher.

Local and Remote Control

The monitor layout can be edited or rearranged locally with a keyboard and mouse, or remotely via the web browser interface. The optional LMM Control software allows operators to switch between layouts, arrange video inputs and use the Dynamic Layout function even on touch enabled PCs.*

Add Comments and Tags to Images*

Graphic objects or texts can be created as annotations on the screen by local operation via the On Screen Display (OSD) menu using the Annotation function.
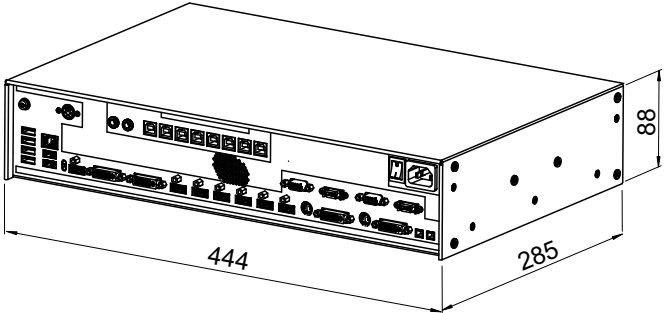
Dynamic Layout*

The positions and sizes of the windows specified during system configuration can be enlarged or reduced easily by the operator using Dynamic Layout function. You can also zoom in and out of each window.

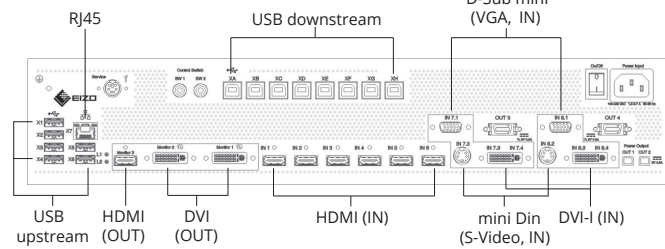*For the functions described, the optionally available software package 4.0.0 Extended is required.

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 Resolution	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 Resolution	4 x 2.3 MP (1920 x 1200, 60 Hz), 4 x FHD (1920 x 1080, 60 Hz), 4 x 2MP (1600 x 1200, 60 Hz), 4 x 1MP (1280 x 1024, 60 Hz), 4 x (1368 x 768, 60 Hz) (all connected monitors have to have the same resolution) HDMI connector: 1 x FHD (1920 x 1080, 60 Hz)
USB	Upstream	USB 2.0: type-B x 8 (for control of video applications on PCs)
	Downstream	USB 2.0: type-A x 6 (e.g. for keyboard, mouse)
Communication Connector		Ethernet (RJ45)
Power	Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
	Power Consumption	100 W
Physical Specifications	Net Weight	5.5 kg
	Mechanical Adaption	19" rack design, 2 RU
Control and Status		Graphical user interface and software control interface for operating, status and diagnosis, LED indicators for hardware status x 2
OSD Languages		English, German, French, Japanese, Chinese (software version 4.0.0 or later)
Environmental Requirements		IP20
Certificates and Standards (Please contact EIZO for the latest information)		CE / UKCA, IEC/EN60601-1, CAN/CSA-C22.2 No. 60601-1, ANSI/AAMI ES60601-1, IEC/EN 62368-1, CAN/CSA C22.2 No. 62368-1:2014 / UL62368:2014, EN55032 Class B, RCM, RoHS, China RoHS, WEEE, CCC
Supplied Accessories (May vary by country. Please contact EIZO for details)		Adapter cable (HDMI - DVI) x 6, mounting brackets for rack or wall mount, screws x 2, Utility Disk (PDF Instructions for Use, test patterns)
Optional Accessories		Software package 4.0.0 Extended (software version 4.0.0 min.), LMM Control software, Extron DMS 2000 20x20 DVI Matrix, TDL Link Set, TID0102 DVI Splitter

Dimensions (mm)

Connectors