Flexible Image Management of Monitors with Resolutions from 2 Megapixels to 8 Megapixels
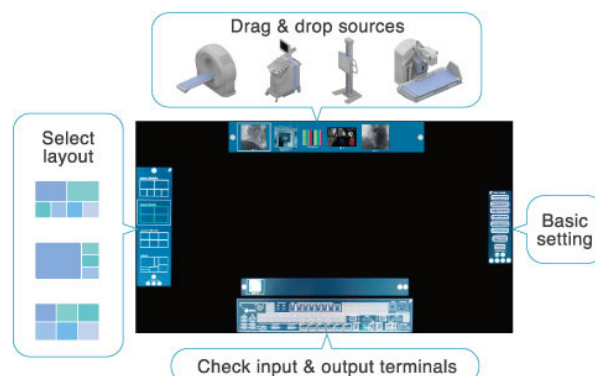
All Gather in One

The Large Monitor Manager LMM0802 bundles up different signal sources, displays them concurrently on one or two displays 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 userfriendly interface minimizes costly user training.

LMM0802

Display Multiple Image Sources Simultaneously

The LMM0802 has 12 video input terminals. Of these, 8 terminals can process digital DVI signals up to a resolution of 1920 x 1200. Additionally, there are two PAL/NTSC and two analog terminals available. A maximum of 8 signal sources can be displayed simultaneously in 16 different windows on the monitor.

Expandable Video Inputs and Outputs

Connect up to 28 video sources and 18 video outputs by using the Large Monitor Manager in combination with the Extron DMS 2000 DVI matrix switcher.

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.

Dual-User Support

Connecting two monitors, two keyboards, and two mice to the Large Monitor Manager supports a dual workspace in the control room. Thus, the display of images in the operating room can be effectively managed.

Short Start-Up Time and System Reliability

After a system reboot, the image is available within 4 seconds. This guarantees fast readiness, if there has been a power disruption.

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.
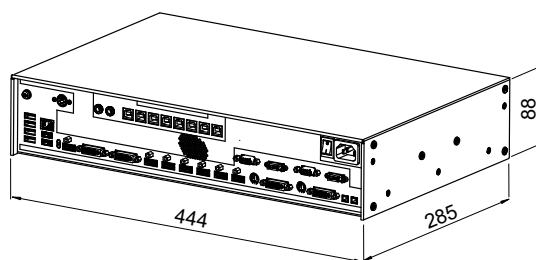
Dynamic Layout*

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.

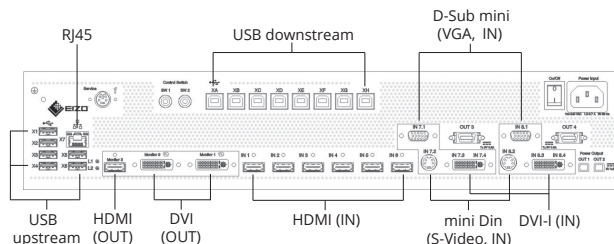*For the functions described, the optionally available software package 4.0.0 Extended is required.

Specifications

Cabinet Color	Black
Video 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 (in 16 windows maximum)
Video 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
Video Output Terminals	DVI-D (dual link) x 2, HDMI connector (DVI single link signals only, scaler output)
Video Output Performance	**Single Workspace** (all outputs with same picture content): 8MP: DVI-DL x 2 [Monitor 1/2] (1920 x 2160, 60 Hz) equate to 3840 x 2160, 60 Hz, HDMI 1.1 [Monitor 3] (firmly scaled to 1920 x 1080, 60 Hz) or 8MP: DVI-DL x 2 [Monitor 1/2] (2048 x 2160, 60 Hz) equate to 4096 x 2160, 60 Hz, **Dual Workspace** (two outputs each with same picture content: DVI-DL [Monitor 1] (2560 x 1600, 60 Hz or 2560 x 1440, 60 Hz or 1920 x 1080, 60 Hz or 3840 x 2160, 30Hz), DVI-DL [Monitor 2] (same resolution as [Monitor 1])
Communication Connector	Ethernet (RJ45), for network integration and remote control
External Power Output	Hirose x 2 (max. 5 V and 500 mA), MDR x 2 (max. 5 V and 500 mA x 7)
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)
Power	Power Requirements	AC 100 - 120 V, 200 - 240 V: 50 / 60 Hz
	Power Consumption	100 W (including external load of 40 W)
Physical Specifications	Net Weight	5.3 kg
	Mechanical Adaption	19" rack design, 2 RU
OSD Languages	English, German, French, Japanese, Chinese (software version 4.0.0 or later)
Environmental Requirements	IP20
Control and Status	Graphical user interface and software control interface for operating, status and diagnosis, LED indicators for hardware status x 2
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, EN55022-Class-B, RCM, RoHS, China RoHS, WEEE, CCC
Supplied Accessories (Can vary in different countries, please contact EIZO for further information)	Adapter cables (HDMI - DVI) x 6, mounting brackets, 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, touch panel console monitor

Dimensions (mm)

Connectors

You will find your EIZO contact partner at:
www.eizo-or.com/contact