# EIZO®

# LMM56800
## Large Monitor Manager



# The Large Monitor Manager Controls the Representation of Various Video Signals on an 8MP Monitor

## All Gather in One

The LMM56800 bundles up different signal sources and distributes them to the connected 4K monitor. Up to 26 video signals can be displayed simultaneously. At the same time it enables you to control them from one location.



## Saving Time by Optimizing Workflow

The arrangement and scaling of the data sources on the screen can be chosen freely and adapted flexibly to the work situation or the preference of the user. Different configurations (layouts) can be saved and retrieved easily and quickly later. In this way, the individual work steps can be optimally supported during surgical interventions.

# LMM56800

## Simple Selection of Layouts

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.

## Various Image Sources

The Large Monitor Manager LMM56800 has up to 26 connections and can process digital DVI signals up to a resolution of 1920 x 1200. Additionally there are analog connections available. The supplied Y-cables split the DVI-I inputs (into DVI-D and 15-pin D-Sub connector each) so that an analogue and a digital signal can be connected at the same time.

## High Reliability

The LMM56800 offers high functional reliability thanks to its intelligent design. It has a redundant power supply as well as a watchdog function and flash memory.

## Rapid Availability of Video Sources

After initial configuration, the video signals are displayed on the screen within a few seconds after switching on the Large Monitor Manager. The image is transfered with a latency of one frame for one channel up to two frames. The preset layouts can be switched over with 0.5 seconds flicker-free.
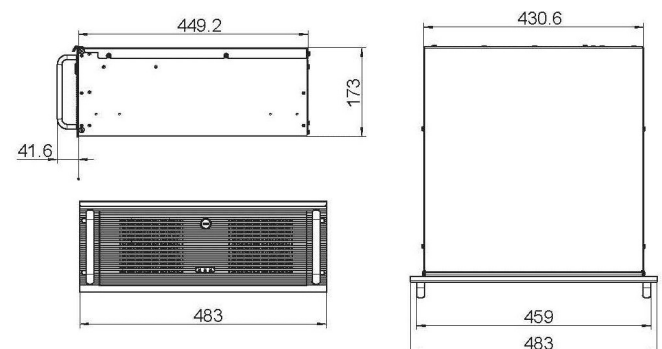
## Common Interface

This network interface allows available systems and PCs to be controlled automatically by the Large Monitor Manager. Layout changes, status information or remote check e.g. can directly be done from x-ray system or PC.
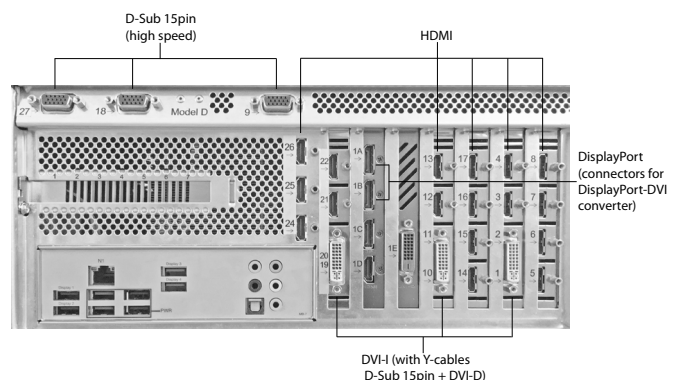
## Specifications

| Cabinet Color | | Black |
|---|---|---|
| Video Signals | Input Terminals | Digital: HDMI connectors (DVI signals only) x 17, DVI-D x 3 Analog (high speed): D-Sub 15 pin x 3 Analog (standard): D-Sub 15 pin x 3 26 similtaneous visible inputs |
| | Input Performance | Digital: DVI-D (single link), 1920 × 1200, 60 Hz (165 MHz pixelclock), non-interlaced Analog (high speed): 1920 x 1200, 60 Hz (170 MHz pixelclock), non-interlaced Analog (standard): 1280 x 1024, 75 Hz (135 MHz pixelclock), non-interlaced |
| | Output Terminals | DVI-D (dual link) x 2 (via DisplayPort to DVI converter x 2) |
| | Output Performance | Output resolution: 4MP x 2 (1920 x 2160 x 2, 60 Hz) Output format: 8MP (3840 x 2160, 60 Hz) |
| Communication Connector | | Ethernet (RJ45) |
| Power | Power Requirements | AC 100 - 240 V; 5 - 2.5 A; 50 - 60 Hz Redundancy: 2 independent power supplies, hot swap capable |
| | Power Consumption | 340 W (typical) |
| Physical Specifiations | Net Weight | 18 kg (incl. converter and Y-cables) |
| | Mechanical Installation | 19" rack design, 4 U high |
| Controls and Status | | Software control interface for layout, status and diagnosis, LED indicators for power supplies |
| Environmental Requirements | | IP20 |
| Certifications & Standards (Please contact EIZO for latest information) | | CE, IEC/EN 62368-1, UL/CSA 62368, RCM, RoHS, China RoHS, WEEE |
| Supplied Accessories (Can vary in different countries. Please contact EIZO for further information) | | AC power cord (us, en), converter (DisplayPort - DVI) x 2, holder for DisplayPort converter, Y-cables x 3, Utility Disk (PDF Instructions for Use) |

### Dimensions (mm)



### Connectors