OVERVIEW

The Integrated Multi-Service System (IMS) offers an All-In-One Video/Audio/Control System with a compact form factor to save valuable space in the medical environment. Eight (8) HDMI video inputs allow you to distribute up to 8 video outputs. The compact design offers robust options for 4K video switching, audio switching and external device control management capabilities. This is the ideal solution for mission-critical applications where space is a high commodity.

FEATURES

- A compact and robust Multi-Service Control system for 4K video switching, audio switching and external device control management
- Supports up to 8 HDMI video input port
- Supports video resolutions up to 3840x2160@60Hz and 4096x2160@60Hz
- Provides 4 USB power ports with 5V/1A rating for external fiber extender
- Built-in control processor with LAN, RS-232 and/or Relay I/O
- Built-in 2x1 audio switching
- Automation triggers
- Output 4K or 1080p scaling
IMS Accessories

Fiber Optic HDMI 2.0 Extender
- LBO-H2P-T-M-SC
- LBO-H2P-R-M-SC

Fiber Optic DVI Extenders
- LBO-DVI-T-M-SC
- LBO-DVI-R-M-SC

HDMI to DVI Adapter Cable
- DVI-D-H2-XX

Multi-Format Scaler System
- MFS-DVI

IMS-88

Matrix Switcher Inputs (8)
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0

Matrix Switcher Outputs (8)
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0
- HDMI 2.0

USB Power (5)
Audio Switcher
Control Processor
**VIDEO INPUT**

| Port Count | 8 |
| Video Formats | HDMI 2.0 |
| Connector | HDMI type A (HDMI 2.0) |

**VIDEO OUTPUT**

| Port Count | 8 |
| Video Format | HDMI 2.0 |
| Connector | HDMI type A |

**AUDIO INPUT/OUTPUT**

| Port Count | 2 Input and 1 Output |
| Audio Format | Analog L/R |
| Connector | 3.5mm Jack |

**SERIAL DATA (CONTROL)**

| Channel Capacity | 2 bi-directional |
| Signal Format | RS-232 |
| Data Rate | Up to 115.2K baud |
| Connector | Terminal Block |

**LAN (CONTROL)**

| Channel Capacity | 1 |
| Ethernet Speed | 10/100Base-T |
| Connector | RJ-45 |

**RELAY (CONTROL)**

| Channel Capacity | 1 normally open or closed relay |
| Relay Contact Rating | 24V @ 1A |
| Connector | Terminal Block |

**OTHER FEATURED I/O**

| USB Power Ports | 4, with 5V/1A rating each |

**PHYSICAL**

| Dimensions | 17.25”(W) x 16.50”(D) x 3.49”(H) |
| Power Consumption | +12 V @ 8 Amp (Max.) |
| Operating Temperature | 0 to 40°C |
| Humidity | 0 to 90% RH, Non-Condensing |

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**GREEN COMPLIANCE**

RoHS

**ORDER INFORMATION**

IMS-88 4K Integrated Multi-Service Video/Audio/Control System (8x8)

**Optional Accessories**

MPS-12V10 12V @ 10A Medical Grade Power Supply
LBO-H2P-T-M-SC Fiber Transmitter, Multimode, 1-Fiber
LBO-H2P-R-M-SC Fiber Receiver, Multimode, 1-Fiber
DVI-D-H2-XX Medical Grade HDMI 1.4 to DVI-D High Speed with High Retention
MFS-DVI Multiformat (DVI/VGA/SV/CV) Scaler without Audio, DVI Ouput
LBO-DVI-T-M-SC-MC Link Bridge DVI Video Transmitter, MMF-SC, 1-Fiber, Metal Case (Video Only)
LBO-DVI-R-M-SC-MC Link Bridge DVI Video Receiver, MMF-SC, 1-Fiber, Metal Case (Video Only)