

## MODULAR MATRIX

### ● IMX-SERIES

- Expandable from 4x4 to 288x288
- Video zoom function for video wall
- Hot-Swap, Real seamless switching
- Redundant power
- Test pattern, Freeze display, PIP
- Audio merge and extraction
- Control RS-232, TCP/IP, Touch LCD, Ethernet
- Slot : HDMI, DVI, VGA, SDI, HDBaseT, Optical
- Model : IMX-28800K, IMX-18000S, IMX-16000S, IMX-12800S, IMX-8000S  
 IMX-5200S, IMX-4000S, IMX-2000S, IMX-1200S



## SDI CONVERTER



### ● IHS-12G

- INPUT : 4K HDMI
- OUTPUT : 4K SDI
- Support HDR10, HDR
- Resolutions 4K/60Hz (4:2:2, 4:2:0)
- Audio data : I2S / 48KHz

### ● ISH-12G

- INPUT : 4K SDI
- OUTPUT : 4K HDMI
- Support HDR10, HDR
- Resolutions 4K/60Hz (4:2:2, 4:2:0)
- Audio data : I2S / 48KHz
- SDI Loop out

### ● IHS-3G

- INPUT : HDMI/DVI
- OUTPUT : SDI(2Ports)
- Optimized signal distribution using by the high-quality SDI chipset
- Resolutions Max 1080p/60Hz
- Audio data : I2S / 48KHz
- Dimension(mm) : 117x105x33

### ● ISH-3G

- INPUT : SDI
- OUTPUT : SDI/HDMI/DVI
- Optimized signal distribution using by the high-quality SDI chipset
- Resolutions Max 1080p/60Hz
- Audio data : I2S / 48KHz
- Dimension(mm) : 117x105x33

## FIBER EXTENDER



### ● IFHE-700T/R

- HDMI IN/OUT
- RS232C bidirectional
- Fiber Module SFP Type / Cable Max 25km
- Dimension(mm) : 100x96x28
- Max 4K/60Hz

### ● IFHE-500T/R

- HDMI IN/OUT
- 4K(3840x2160/60Hz, YCbCr420)
- 300m 1LC Multi mode fibers
- RS-232C
- 2,000m 1LC Single mode fibers
- Dimension(mm) : 82.5x38x13.5



## HDMI MATRIX

### ● IHX-88SC

- INPUT : 8Ports / OUTPUT : 8Ports
- Various resolutions(Max 4K/30Hz)
- HDMI 1.4 / Real seamless / HDCP 1.4
- Dimension(mm) : 483x230x44 - 1U



### ● IHX-44

- INPUT : 4ports / OUTPUT : 4ports
- Various resolutions (Max 4K/60Hz)
- HDMI2.0 / HDCP2.2
- Dimension(mm) : 483x230x44 - 1U



### ● IHX-3636

- INPUT : 36Ports
- OUTPUT : 36Ports
- Various resolutions(Max 1920x1200)
- HDMI 1.3 / HDCP 1.2
- Dimension(mm) : 483x303x264 - 6U



### ● IHX-1818

- INPUT : 18Ports
- OUTPUT : 18Ports
- Various resolutions(Max 1920x1200)
- HDMI 1.3 / HDCP 1.2
- Dimension(mm) : 483x303x176 - 4U



## DVI MATRIX

### ● IDX-88

- INPUT : 8Ports / OUTPUT : 8Ports
- Various resolutions(Max 1920x1200)
- HDCP 1.2
- Dimension(mm) : 483x230x44 - 1U



### ● IDX-44

- INPUT : 4Ports / OUTPUT : 4Ports
- Various resolutions(Max 1920x1200)
- HDCP 1.2
- Dimension(mm) : 483x230x44 - 1U



### ● IDX-3636

- INPUT : 36Ports / OUTPUT : 36Ports
- Various resolutions(Max 1920x1200)
- HDCP 1.2
- Dimension(mm) : 483x303x264 - 6U



### ● IDX-1818

- INPUT : 18Ports / OUTPUT : 18Ports
- Various resolutions(Max 1920x1200)
- HDCP 1.2
- Dimension(mm) : 483x303x176 - 4U



## 4K HDMI DISTRIBUTOR



### ● IHX-12UD60

- INPUT : 1Ports / OUTPUT : 2Ports
- UHD(4Kx2K) Max 3840x2160/60Hz, 4096x2160/60Hz
- HDMI 2.0 / HDCP 2.2
- Dimension(mm) : 126x101x27



### ● IHX-14UD60

- INPUT : 1Ports / OUTPUT : 4Ports
- UHD(4Kx2K) Max 3840x2160/60Hz, 4096x2160/60Hz
- HDMI 2.0 / HDCP 2.2
- Dimension(mm) : 151x101x27



### ● IHX-18UD60

- INPUT : 1Ports / OUTPUT : 8Ports
- UHD(4Kx2K) Max 3840x2160/60Hz, 4096x2160/60Hz
- HDMI 2.0 / HDCP 2.2
- Dimension(mm) : 258x101x27

## DVI DISTRIBUTOR



### • IDX-12D

- INPUT : 1Ports / OUTPUT : 2Ports
- Max 3840x2160/60Hz
- HDCP 2.0



### • IDX-14D

- INPUT : 1Ports / OUTPUT : 4Ports
- Max 3840x2160/60Hz
- HDCP 2.0



### • IDX-18D

- INPUT : 1Ports / OUTPUT : 8Ports
- Max 3840x2160/60Hz
- HDCP 2.0

## SDI DISTRIBUTOR



### • ISD-14L

- INPUT : 1Ports / OUTPUT : 4Ports
- SDI Color space - YCbCr422, 10bit
- SDI Audio sampling - 48KHz, 24bit
- Dimension(mm) : 75x81x30

## HDMI SELECTOR SWITCHER



### • IHX-48UD60

- INPUT : 4Ports
- OUTPUT : 8Ports
- Resolutions Max 3840x2160/60Hz
- HDMI 2.0 / HDCP 2.2
- Dimension(mm) : 75x81x30

## 4K to FHD Downscaling & 4k Media Player



### • MSMC-UDS

- 4K(3840x2160) to FHD(1920x1080) downscaling function
- HDCP 2.2 / ARC,CEC Bypass support
- 4K media player (Up Scaling) support
- Dimension(mm) : 254x125.5x30

## 8K VIDEO SIGNAL GENERATOR



### • MSPG-8000

- Up to 8slots can be mounted
- Slot : HDMI2.1/DSC, DISPLAYPORT1.4, HDMI2.0, DVI/ANALOG
- USB TYPE-C, S-VIDEO/CVBS, COMPONENT
- Dimension(mm) : 440x350x148

## Portable Video Signal Generator

### • MSHG-120H

- Output : 4K HDMI
- Resolution : Max 3840 x 2160/60Hz
- HDCP, EDID, CEC Check function
- HDCP : Support 1.4Ver, 2.2Ver
- Power : Micro 5pin to USB type DC 5V/0.9A (without battery)
- Dimension(mm) : 160x33x20



## USB TYPE-C POWER CHECK

### • MSPT-100W

- Port : USB TYPE-C
- Voltage measurement : 25V over 4.5V ~ 50.0V(100mV unit)
- Current measurement : 4.5A over 0.0A ~ 5.0A(100mV unit)
- Communication method : BT(Bluetooth)
- LCD Screen : Displays the current voltage and current status
- Power : DC adapter 5V/2A
- Dimension(mm) : 106x68x31



13, Bongamgongdan-ro, Masanhoewon-gu, Changwon-si, Gyeongsangnam-do, Korea (zip 51342)

Tel : +82-55-297-8880 / Fax : +82-55-256-7388

<http://www.Ltdmaster.com> / E-mail : [webmaster@Ltdmaster.com](mailto:webmaster@Ltdmaster.com)

All specifications are subject to change without any notice