

# IMX-28800K

288x288 MODULAR MATRIX ROUTER



Front View



Rear View

## Product Summary

The IMX-28800S is a high-performance integrated matrix router that efficiently consolidates and manages a wide range of digital video and audio signals — including DVI, HDMI, SDI, Fiber Optics, and audio — within a single system.

Designed to freely switch and distribute multiple types of input signals to the desired output devices, it provides an optimal solution for operating complex AV systems in a more stable and organized manner. By simultaneously supporting a wide range of video interfaces and audio signals, it allows equipment of different standards to be integrated into a single unified system, minimizing the need for separate signal processing devices and improving both system efficiency and ease of maintenance. It also applies high-performance signal processing technology to minimize degradation of video and audio quality, delivering stable signal transmission and outstanding reliability even during extended, continuous operation.

## Key Features

- Integrated, expandable Modular Matrix scalable from 4x4 up to 288x288
- HDCP compliant (HDMI, DVI)
- Slot-based matrix structure enabling flexible system design
- RS-232C, LAN (TCP/IP, UDP)
- Video wall zoom in/out function
- Text display support (OSD function)
- Audio embedding and de-embedding
- Test pattern support
- FREEZE support
- Hot-swap support [replace slot boards without powering off the system during use]
- Seamless switching with no flicker during screen transitions
- KC certified

Specifications

| Item                  | Specification                                                     |
|-----------------------|-------------------------------------------------------------------|
| Model                 | IMX-28800K                                                        |
| Maximum Input         | 288                                                               |
| Maximum Output        | 288                                                               |
| Maximum Input Slot    | 72                                                                |
| Maximum Output Slot   | 72                                                                |
| Resolution            | 3840x2160 (4K) or Higher                                          |
| Control               | LCD Touch Screen                                                  |
|                       | RS-232C                                                           |
|                       | LAN(TCP/IP, UDP)                                                  |
| Power                 | AC 100~240V / 50~60Hz<br>750W x 8EA [Redundant Power Supply(7+1)] |
| Dimensions (W×D×H)    | 928 x 540 x 1480 (mm)                                             |
| Weight                | 95 Kg                                                             |
| Operating Temperature | -10°C ~ 50°C                                                      |
| Operating Humidity    | 10% ~ 90% RH (Non-Condensing)                                     |

※ Notes

Rev. 1 | 20260806

\* Specifications and design are subject to change without prior notice.