

## 4x4 Scaler Matrix Processor with USB Capture Output



The DIDO X4 is one of the most advanced 4x4 scaler on the market. The input card slot has a pre-installed 4 input HDMI card with future cards to come addressing various needs. These inputs can be routed to any of the four HDMI outputs with a quad scaler processor and advanced features. These features consist of contrast edge blending for side-by-side projectors (2 Outputs), 1 degree image rotation for portrait and jigsaw puzzle mode videowalls (1-2 Outputs), chroma keying for overlaying of sources on top of others, and pattern generation for signal integrity diagnosing. In addition, the DIDO X4 can seamlessly switch and window 4 sources any size anywhere on the display. Another amazing feature is the built-in USB 3.1 capture output for a PC making interfacing to Zoom Rooms, Teams, etc. even easier.

Control can be sent to the 1G Ethernet port which also has built-in webpage setup support.

Choice is important. That's why the DIDO X4 is the ultimate 4x4 video processor product on the market today.



## Features

- Video Wall Capability, Image Rotation (1 Output 1 Deg or 2 Outputs 90 Deg Increment), Edge Blending (2 Outputs), Chroma Keying
- Built-in Pattern Generator
- Bitmap & Character Based OSD for Inputs and Output Channels
- Windowing/Multi-viewer
- Four HDMI Outputs with Independent Scaling
- Seamless Switching
- Audio Processing
- 10/100/1000Mbps LAN PoE+ (PD)
- Input Boards (4 HDMI, Multi-Input 1 USB Type-C, DisplayPort, 2 HDMI or 1 HDMI and 12G SDI)
- Line In/Out Stereo
- RS-232 Serial Port and IR (Bidirectional)
- Integrated Web Server for Custom Control Pages
- Dante®/AES67 IP 2Ch Audio (Optional)
- Front Keypad with OLED Display
- Auto Sense Switching
- Rack and Under Table Mounting

## Benefits

The DIDO X4 is many devices in one product providing not just the ultimate experience but the ultimate value.

Here is why:

1. Video Effects Processor (Contrast Edge Blending, Chroma Keying, Image Rotation, Bitmap OSD)
2. Windowing up to 4 sources locally to any of the 4 outputs
3. Videowall Processor with 1 Degree Image Rotation
4. Audio DSP with Dante
5. Diagnostic Tools (Pattern Generator)
6. USB 3.1 Capture Output for a Computer (Zoom Room, Teams, WebEx, etc.)



**ICS-H4 – Four HDMI Input Card (Included)**



**RK7-1-K Optional 1RU Rack Mount**

## Technical Specifications

Model Name	DIDO X4
<b>Technical</b>	
Video Inputs	Four HDMI 2.0 (ICS-H4 Input Card)
HDMI Outputs	Four HDMI 2.0
Audio Analog	Stereo Line In/Out
1G LAN	RJ-45 10/100/1000M PoE
USB	USB 3.1 Type B (4K30 4:4:4 Max Resolution)
Video Bandwidth	600MHz
Video support	Up to 4K2K 4:4:4 @60Hz
Audio support	Up to 32 channels & Break-away Capable
RS-232	Up to 115k Baud
IR	30KHz-60KHz
Expansion Ports	Dante®/AES67
Interface	IR or Keypad for OSD and OLED, Webserver
<b>Scaler</b>	
Bandwidth	4K60 4:4:4
Scaling Processors	Quad Scaler Processors
Effects	Image Rotation, Videowall, Windowing, OSD, Edge Blending, Chroma Keying
Pattern Generator	Color Bar, Moving Pattern, Hash, & More
<b>Mechanical</b>	
Housing	Black Aluminum Enclosure
Dimensions [L x W x H]	10.5" x 8" x 1.22"
Weight	2lb 4.6oz (1.04kg)
Mounting	Rack mount (optional) and included under table/wall mount
Power supply	25 Watts 48VDC or PoE+ (LAN)
Max Power consumption	15 Watts
Operation temperature	0~40°C [32~100°F]
Storage temperature	-20~60°C [-4~140°F]
Relative humidity	20~90% RH [no condensation]

*Specifications subject to change without notice. Refer to manual for full capabilities and or limitations.*