DIDO
Ultra High Resolution Video Processor

APPLICATIONS

The DIDO by Aurora Multimedia is an extremely compact and powerful, multipurpose video processor. DIDO Technology is unique because it is incredibly versatile, encompassing such technologies as video scaling, multi-image rotation, and video wall processing, simultaneously and in real-time!

DIDO comes in 3 models: DIDO Pro, DIDO Jr, and DIDO LT. DIDO Pro is specialized for multi-image processing, such as quad, tri, dual, and PIP modes, as well as real-time image rotation. The DIDO Jr is capable of dual and PIP modes, and real-time rotation. DIDO LT is geared toward creating low cost video walls. In addition to the LT, both DIDO Pro and Jr are capable of video wall processing.
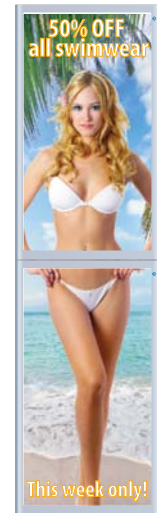
Below are a few examples of what is possible with DIDO Technology.

Event Broadcasting
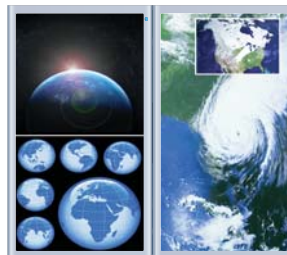(real-time image rotation, requires 3 DIDO Pro or Jr)

Event Broadcasting
(2x2 video wall, requires 4 DIDO Pro, Jr, or LT)

Digital Signage
(real-time image rotation, requires 2 DIDO Pro or Jr)

Conference Room 1A

10:30 AM - 12:00 PM
Investor Relations Commitee

1:00 PM - 1:30 PM
Sales / Marketing Dept.

3:30 PM - 4:45 PM
Public Relations Task Force

Digital Signage
(real-time image rotation, requires 4 DIDO Pro or Jr)

Command and Control
(real-time image rotation, requires 2 DIDO Pro or Jr)

Sports Bars
(quad mode, requires 1 DIDO Pro)

Surveillance
(quad mode, requires 1 DIDO Pro)

Statistical Monitoring
(real-time image rotation, requires 1 DIDO Pro)

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DIDO Pro rear panel

DIDO Jr/DIDO LT rear panel

DIDO Comparison

DIDO Pro	DIDO Jr	DIDO LT
- Ideal for creating a variety of split screen configurations, including quad, tri, dual, and PIP modes	- Ideal for creating low cost video walls	- Most cost effective solution for creating low cost video walls
- 6 possible inputs*	- 3 possible inputs*	- 3 possible inputs*
- Up to 4 inputs displayed simultaneously*	- Up to 2 inputs displayed simultaneously*	- Up to 2 inputs displayed simultaneously*
- Capable of creating advanced video walls where many inputs are required	- Capable of dual screen and picture-in-picture modes	- Capable of dual screen and picture-in-picture modes
- Real time image rotation in 90° increments (all modes except quad)	- Real time image rotation in 90° increments (all modes)	- No image rotation

*when used with optional breakout cables, see accessories

Included Accessories:
- 12v Power Supply
- IR Remote Control
- RS-232 Control Cable
- S-Video to Composite Adapter Cable
- DIDO Audio Breakout Cable

Optional Accessories:
- CA0020-1 (DVI-I to DVI-D/VGA Breakout Cable)
- CA0021-1 (DVI-I to DVI-D/BNC Breakout Cable)
- CA0022-1 (DVI-I to DVI-D/RCA Breakout Cable)
- DIDO Loop Kit (Control multiple DIDO's w/ RS-485)
- SRK-001 Single device rack mount
- DRK-001 Dual device rack mount

CA0020-1 **CA0021-1** **CA0022-1**

Optional breakout cables, allowing customization of inputs and outputs

DIDO Specs

Video Input	
Signal Format	DVI 1.0 HDCP, YPbPr*, RGBHV*, RGsB* *Requires optional breakout cable, see accessories
Supported Resolutions	1080p, 1080i, 720p, 576i, 576p, 480i, 480p, VGA, SVGA, XGA, SXGA, UXGA, WVGA, WXGA, WUXGA (narrow band sync), user programmable resolutions
Connectors	Two 4-pin mini DIN female S-Video (Can be used as composite input with supplied RCA adaptors) Two DVI-I (Dual Input, RGBHV* or RGsB* or YPbPr* + DVI) *Requires optional breakout cable, see accessories
Video Output	
Signal Format	DVI 1.0 HDCP, YPbPr*, RGBHV*, RGsB* *Requires optional breakout cable, see accessories
Supported Resolutions	1080p, 720p, 576p, 480p, VGA, SVGA, XGA, SXGA, UXGA, WVGA, WXGA, WUXGA (narrow band sync), user programmable resolutions
Supported Window Modes	Single, PiP, Translucent PiP, Side-by-Side, Tri Image, Quad Image. All modes except quad can be rotated in real time at 90 degree increments. Mirror modes are also supported.
Connectors	One DVI-I (Dual Output, RGBHV* or RGsB* or YPbPr* + DVI) *Requires optional breakout cable, see accessories
Audio Input	
Connectors	2 x Stereo RCA phono female and 2 S/PDIF RCA using audio breakout cable
Input	Unbalanced stereo line level and 48KHz digital
Audio Output	
Connectors	1 Stereo RCA phono female and 1 S/PDIF RCA using supplied audio breakout cable (Audio signals are compensated for propagation delay for correct sync with video)
Output	Unbalanced stereo line level and 48KHz digital (Audio signals are compensated for propagation delay for correct sync with video.)
Output Level	+12dB to -114dB in 64 steps
Power	
Operating Voltage	12 VDC (14W)
Control	
Connector	6-pin mini DIN female (DB-9 Serial Port cable is included)
RS-232 Baud Rate	2400 - 115200 bps (Selectable)
Physical	
Dimensions (WxDxH)	8.4 x 5.7 x 1.0 inches
Weight	2.5 lbs. (DIDO Pro only) 4.3 lbs. (Shipping weight)

For more information on this and other products, please visit **www.auroramultimedia.com**

Aurora Multimedia

IP Control Systems, Multi-Image Video Processors, DVI and HDMI Distribution...

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