



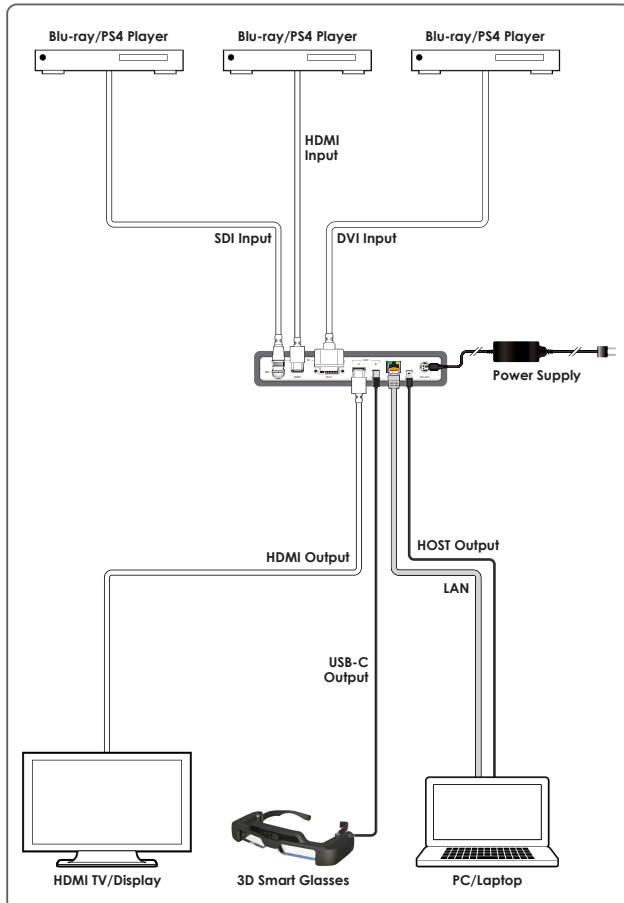
This 3 by 2 Matrix is a high performance switch with integrated scaling and multi-windowing technology. It is an ideal solution for monitoring or displaying multiple medical sources such as endoscope, X-Ray system, ultrasonic, Da Vinci Surgical System...etc. simultaneously during operation or diagnosis. Video resolutions (SDI & HDMI) up to 4K@60Hz and LPCM audio up to 7.1 channels and 192kHz are supported on both input and output and this unit is fully compatible with the HDCP 2.x standards.

Any of 3 different HDMI sources may be displayed individually, full screen, or they can be displayed using a variety of multi-window modes including PiP, PoP, Side-by-Side, Auto display with the output being sent to general HDMI display and 3D Smart Glasses. Management of input/window routing, position and sizing can be controlled easily by use of the front panel controls as well as by WebGUI, RS-232, Telnet, options.

PANELS



DIAGRAM



FEATURES

- Supports SDI output distance up to 60 meters, HDMI input/output with 18Gbps (600MHz) 4K UHD
- Seamless switching (no loss of sync to display) when switching sources in 3x2 matrix mode
- Supports PiP (Picture-in-Picture), PoP, Side-by-Side and Auto display options with independent audio source selection
- Supports the ability to store a multi-window arrangement as a preset that can be recalled later
- Each window can have a border with a selectable color
- EDID management
- Uploadable and freely positioned graphic logo support
- Supports easy adjustment of window size, position and settings in the PiP windowing mode via the WebGUI
- Controllable via front panel buttons, WebGUI, Telnet, RS-232

SPECIFICATIONS

Interfaces

Input Port	1 SDI 1 HDMI (Type-A) 1 DVI-I
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Output Port	1 HDMI 1 USB-C
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Control I/O	1 IP Control (RJ-45) 1 Host Control (Micro USB)
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Service Port	1 USB (Type-A)
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Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
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HDCP Compliance	2.x
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Input Signal Type	SDI	4096×2160p@60 YUV 4:4:4
	HDMI	4096×2160p@60 RGB 4:4:4
	DVI-I	1920x1080p@60 RGB 4:4:4

Output Signal Type	HDMI	4096×2160p@60 RGB 4:4:4
	USB-C	4096×2160p@60 RGB 4:4:4

Power

Power Supply	24V/2.7A (Locking)
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Power Consumption	22W
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Enclosure

Chassis Material	Metal (Steel)
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Chassis Color	White
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Dimensions (W×H×D)	231.5mm×25mm×108mm [Case Only] 231.5mm×25mm×116mm [All Inclusive]
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Weight	671g
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Field Firmware Update

USB Flash Drive, WebGUI

ORDERING INFORMATION

Model No.	Product Description
MED-PJ-8320	UHD+ 3 x 2 Matrix with PiP