

Feature Comparison



Product Feature	SPLITMUX-4K-4RT	SPLITMUX-HD-4RT	SPLITMUX-C5HDR-4LC	SPLITMUX-HD-2LC	SPLITMUX-3GSDI-4	SPLITMUX-SVDVI-2(L)
Inputs	4x HDMI 2x USB	4x HDMI 2x USB	4x HDMI	2xHDMI	4x BNC	1x DVI-I 1x S-Video
Signal types supported	<ul style="list-style-type: none"> HDMI Single link digital DVI via adapter cable 	<ul style="list-style-type: none"> HDMI Single link digital DVI via adapter cable 	<ul style="list-style-type: none"> HDMI Single link digital DVI via adapter cable 	<ul style="list-style-type: none"> HDMI Single link digital DVI via adapter cable 	<ul style="list-style-type: none"> 3G/HD-SD-SDI 	<ul style="list-style-type: none"> Single link digital/analog DVI S-video Composite video via included S-video adapter VGA/Component video via optional DVI breakout cables
Max video resolution	2048x1080, 1080p, 1920x1200	2048x1080, 1080p, 1920x1200	1080p, 1920x1200	1080p, 1920x1200	1080p, 1920x1200	1080p, 1920x1200
Max video resolution	36-bit	36-bit	36-bit	unspecified	unspecified	unspecified
Outputs	1x HDMI	1x HDMI	1x HDMI 1x RJ45	1x HDMI	2x BNC output 4x BNC local loop 1x DVI-I	1x DVI-I
Signal types supported	<ul style="list-style-type: none"> HDMI Single link digital DVI via adapter cable 	<ul style="list-style-type: none"> HDMI Single link digital DVI via adapter cable 	<ul style="list-style-type: none"> HDMI Single link digital DVI via adapter cable 	<ul style="list-style-type: none"> Single link digital / analog DVI VGA/Component video via optional DVI breakout cables 	<ul style="list-style-type: none"> 3G/HD-SD-SDI Single link digital DVI HDMI via adapter cable 	<ul style="list-style-type: none"> HDMI Single link digital DVI via adapter cable
Max video resolution	3840x2160, 4096x2160, 11080p, 1920x1200	2048x1080, 1080p, 1920x1200	1080p, 1920x1200	1080p, 1360x768	1080p, 1920x1200	1080p, 1920x1200
Max color depth	30-bit	30-bit	30-bit	30-bit	unspecified	unspecified
Extension	N/A	N/A	250 ft via CAT6/6a/7	N/A	N/A	N/A
Customized aspect ratio	✓ – Custom mode only	✓ – Custom mode only	N/A	N/A	✓ – Custom (PAP) mode only	✓
Customized Text Label	✓ – Custom mode only	✓ – Custom mode only	N/A	N/A	✓ – Custom (PAP) mode only	N/A
Pan & Zoom	✓ – Custom mode only	✓ – Custom mode only	N/A	N/A	N/A	✓
Image Cropping	✓ – Custom mode only	✓ – Custom mode only	N/A	N/A	N/A	✓
Image Rotation	N/A	N/A	N/A	N/A	N/A	✓ – SPLITMUX-SVDVI-2 only
Image Transparency	✓ – Custom mode only	✓ – Custom mode only	N/A	N/A	N/A	✓ – PiP mode only
Audio Return Channel	N/A	N/A	✓ – Remote unit only	N/A	N/A	N/A
Video Adjustments	N/A	N/A	<ul style="list-style-type: none"> Brightness Contrast Color Sharpness 	N/A	N/A	<ul style="list-style-type: none"> Brightness Contrast Saturation Hue
Frame rate	60 fps - real time video	60 fps - real time video	60 fps - real time video	60 fps - real time video	60 fps - real time video	60 fps - real time video

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Display Modes	6 Options	6 Options	3 Options	3 Options	4 Options	4 Options
Full	✓	✓	✓	✓	✓	✓
Quad	✓	✓	✓	N/A	✓ – using Custom (PAP) Mode	N/A
PiP	✓	✓	✓	✓	✓ – using Custom (PAP) Mode	✓
Custom/PAP	✓	✓	N/A	N/A	✓	N/A
Dual	✓ – using Custom Mode	✓ – using Custom Mode	N/A	✓	✓ – using Custom (PAP) Mode	✓
Input Scanning	✓ – Full and PiP modes	✓ – Full and PiP modes	N/A	N/A	N/A	N/A
Video Wall	N/A	N/A	N/A	N/A	N/A	✓ – using multiple units
Control Methods	5 Methods	6 Methods	3 Methods	1 Method	2 Methods	3 Methods
Web Interface	✓	✓	N/A	N/A	✓ – requires setup using RS232	N/A
OSD Menu + front panel buttons	✓	✓	✓ – Front panel buttons only	✓ – Front panel buttons only	N/A	✓
RS232	✓	✓	✓ – Graphical User Interface	N/A	✓ – Graphical User Interface	✓
IR	✓	✓	✓ – Bi-directional	N/A	N/A	✓
Telnet	✓	✓	N/A	N/A	N/A	N/A
OSD + Keyboard	(coming soon)	✓ – keyboard only	N/A	N/A	N/A	N/A
Built-In Video Converter	N/A	N/A	N/A	N/A	✓	✓
Audio switching	✓ – Embedded HDMI audio	✓ – Embedded HDMI audio	✓ – Embedded HDMI audio, coax SPDIF jacks	✓ – Embedded HDMI audio	✓ – Embedded SDI and HDMI audio	N/A
Four-Channel Mixing	✓	N/A	N/A	N/A	N/A	N/A
Four-Channel Non-Mixing	✓	✓	✓	N/A	N/A	N/A
One-channel Mixing	N/A	✓	N/A	N/A	N/A	N/A
Audio VU meter	✓ – Custom mode only	✓ – Custom mode only	N/A	N/A	N/A	N/A
Restore Default Resolution Button	✓ – defaults to 680x480 @60Hz	✓ – defaults to 680x480 @60Hz	N/A	N/A	N/A	N/A
Restore Factory Defaults Button	N/A	N/A	N/A	N/A	✓ – via graphical user interface	✓
Layout template recall/restore	✓ – up to 10	✓ – up to 10	N/A	N/A	✓ – up to 7 preset layouts and up to 8 custom layouts	✓ – up to 99 presets, 4 with quick recall
Ethernet Port	10/100 Base-T	10/100 Base-T	N/A	N/A	10/100 Base-T	N/A

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HDCP Compliant	✓	✓	N/A	N/A	N/A	N/A
Dimensions WxDxH	Without rackmount kit: 7.34x4.98x1.09" (187x126x28 mm) With optional rackmount kit: 19x4.98x1.75 (483x126x45 mm) (excludes cable tray – 3.37" depth)	Without rackmount kit: 7.34x4.98x1.09" (187x126x28 mm) With optional rackmount kit: 19x4.98x1.75 (483x126x45 mm) (excludes cable tray – 3.37" depth)	Multiviewer: 9.84x4.65x1.26 (250x118x32 mm) Remote unit: 4.02x2.60x1.02 (102x66x26 mm)	5.51x2.76x0.98 (140x70x25 mm)	17.3x9.3x1.75" (440x236x44 mm)	8.4x5.7x1" (216x145x25 mm)
Installation/Mounting	<ul style="list-style-type: none"> • 1RU rackmount unit available • 1RU dual side-by-side rackmount units available 	<ul style="list-style-type: none"> • 1RU rackmount unit available • 1RU dual side-by-side rackmount units available 	<ul style="list-style-type: none"> • Includes wall mount brackets 	N/A	<ul style="list-style-type: none"> • 1RU rackmount kit included 	<ul style="list-style-type: none"> • 1RU rackmount unit available • 1RU dual side-by-side rackmount units available
Power	110 to 220 VAC at 50 or 60Hz via AC adapter	110 to 220 VAC at 50 or 60Hz via AC adapter	100 to 240 VAC at 50 or 60 Hz via AC adapter	110 to 240 VAC at 50 or 60Hz via AC adapter	110 to 220 VAC at 50 or 60Hz via AC adapter	110 to 220 VAC at 50 or 60Hz via AC adapter
Operating Temperature	32 to 100°F (0 to 38°C)	32 to 100°F (0 to 38°C)	32°F to 104°F (0°C to 40°C)	32 to 104°F (0 to 40°C)	32 to 104°F (0 to 40°C)	unspecified
Storage Temperature	-22 to 140°F (-30 to 60°C)	-22 to 140°F (-30 to 60°C)	32°F to 104°F (0°C to 40°C)	-4 to 140°F (-20 to 60°C)	-4 to 140°F (-20 to 60°C)	unspecified
Operating and Storage Relative Humidity	17 to 90% non-condensing RH	17 to 90% non-condensing RH	20 to 90% non-condensing RH	20 to 90% non-condensing RH	20 to 90% non-condensing RH	unspecified
Regulatory Approvals	CE, RoHS	CE, RoHS	CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS	FCC
Expandable	✓	✓	✓	N/A	N/A	✓
Cascade	<ul style="list-style-type: none"> • For 4K video output resolutions, connect any number of SPLITMUX-HD-4RT and/or SPLITMUX-C5HDR-4LC as slaves to a SPLITMUX-4K-4RT master. • All display modes of each master or slave can be individually set, combined and switched. • If only cascading with SPLITMUX-HD-4RT and/or SPLITMUX-4K-4RT, all units in the cascade can be controlled via a single Web Interface. 	<ul style="list-style-type: none"> • Connect any number of SPLITMUX-HD-4RT and/or SPLITMUX-C5HDR-4LC in master-slave configurations for up to 1080p video output resolutions. • All display modes of each master or slave can be individually set, combined and switched • If only cascading with SPLITMUX-HD-4RT and/or SPLITMUX-4K-4RT, all units in the cascade can be controlled via a single Web Interface. 	<ul style="list-style-type: none"> • Connect any number of SPLITMUX-HD-4RT and/or SPLITMUX-C5HDR-4LC in master-slave configurations. • All display modes of each master or slave can be individually set, combined and switched • Each unit in the cascade must be configured and controlled individually. 	N/A	N/A	N/A

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Video Wall	N/A	N/A	N/A	N/A	N/A	<ul style="list-style-type: none"> • Needs a video splitter to transmit source to each unit • Video wall up to 32x32 <ul style="list-style-type: none"> o SPLITMUX-SVDVI-2L only creates video walls with screens in horizontal position • Requires one unit per display
Price	\$1,650	\$1,440	\$840	\$135	\$2,200	SPLITMUX-SVDVI-2: \$3,299 SPLITMUX-SVDVI-2L: \$1,699