Overview:

The HDMI/3G-SDI Dual Display supports two independent 7 inch IPS LCD displays mounted conveniently and securely on a 3 RU 19" rack. These devices save a significant amount of space in multi-display Pro AV and Broadcast applications.

The unit supports input and loop-out of HDMI signals up to 1080p/60, SDI signals up to 3G-SDI, and CVBS signals with Audio. The unit supports a tri-color Tally light indicator per display, customizable buttons allowing customers to tailor them to their needs, and advanced functions such as Center Marker, Safe Frames, Check Field, Focus Assist, Aspect Ratio, Image Flip, P2P, and Image Freeze.

Applications:

Convenient and flexible solution for commercial and industrial application such as broadcast studios, film and television studios, IT departments and datacentres, AV testing environments (may be paired with 500830 & 500831 signal generator & analyzer), and general multi-display applications.

Key Features:

- Dual 7-inch IPS LCD displays
- Supports HDMI (1080p), 3G-SDI and CVBS with Audio
- Fits 19-inch rackmount @ 3 RU
- Tri-color Tally light indicator per display
- Supports Center Marker, Safe Frames, Check Field, Focus Assist, Aspect Ratio, Image Flip, P2P & Image Freeze
- Customizable buttons tailored to customer needs
- Supports firmware update via mini USB

Specifications	
Environment	HDMI, SDI and Audio
Input Signal	Up to 1080p HDMI and 3G-SDI Video, and Audio(L/R)
Output Signal	Up to 1080p HDMI and 3G-SDI Video
HDMI Signal Support	480i, 480p, 576i, 576p, 720p (60/59.94/50/30/29/25/24/23.98), 1080i (60/59.94/50), 1080p (60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF)
SDI Signal Support	SD-SDI, HD-SDI and 3G-SDI including: 480i, 576i, 720p (60/59.94/50/30/29/25/24/23.98), 1080i (60/59.94/50), 1080p (60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF)
Display type and size	7" IPS LCD displays, with LED backlight
Individual Screen Resolution	1280x800 (RGB) per screen
Aspect Ratio	16:10
Dot Pitch	0.117 (W) x 0.117 (H) mm
Brightness	400cd/m^2
Contrast	800:1
Response Time	Turn On = 14ms, Turn Off = 11ms
Viewing Angle	89°/89°(L/R) 89°/89°(U/D)
Headphone Output	2CH headphone output via 3.5mm jack
Connectors	Two (2) pairs of HDMI connectors (1 pair per monitor) for HDMI video-in and HDMI video-out. Two (2) pairs of SDI (BNC) connectors (1 pair per monitor) for SDI video-in and SDI video-out. Two (2) pairs of BNC connectors (1 pair per monitor) for CVBS-in and CVBS-out. Two (2) pairs of RCA connectors (1 pair per monitor) for Audio-in Left and Right channels. Two (2) 3.5mm jacks (1 per monitor) for Audio Headphone-out Left and Right channels. Two (2) mini USB connectors (1 per monitor) for firmware updates. One (1) RJ45S for management and control over a network. One (1) DB15 connector for Tally light indicators. One (1) 2.1mm power connector. One (1) 4-Pin XLR connector for power connector (alternate power connector option).
Input Voltage Range	9.0 to 24 VDC
Power Source	One (1) 100/240VAC to 12VDC @ 3A power supply
Power Consumption	20W
Temperature	Operating: -20° to 55°C Storage: -30° to 60°C Humidity: Up to 95% non-condensing
Enclosure	Metal
Dimensions	19.00" x 5.12" x 1.20" (482.6mm x 130.0mm x 30.5mm)
Weight	4.16lbs (1.89kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500841-US HDMI/3G-SDI Dual Display, US (UPC: 627699018415). 500841-UK HDMI/3G-SDI Dual Display, UK (UPC: 627699918418). 500841-EU HDMI/3G-SDI Dual Display, EU (UPC: 627699818411).

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Typical Application

MuxLab Inc.
2321 Rue Cohen, Montreal, Quebec, Canada, H4R 2N7
Tel: (514) 905 0588 Fax: (514) 905 0589
Toll Free:1 877 689-5228
E-mail: info@muxlab.com
www.muxlab.com