

Overview:

The HDMI/3G-SDI Triple Display supports three independent 5 inch TFT LCD displays mounted conveniently and securely on a 2RU 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:

- Triple 5-inch TFT LCD displays
- Supports HDMI (1080p), 3G-SDI and CVBS with Audio
- Fits 19-inch rackmount @ 2 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 (60/59.94/50/30/29.97/25/24/24fps/23.98/23.98fps)
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 (60/59.94/50/30/29.97/25/24/24fps/23.98/23.98fps)
Color Video Format	PAL-4.43 / NTSC-3.58
Display type and size	5" TFT LCD displays, with LED backlight
Individual Screen Resolution	800x480 (RGB) per screen
Aspect Ratio	16:9
Dot Pitch	0.045(W) x 0.135 (H) mm
Brightness	500cd/m ²
Contrast	500:1
Response Time	Turn On = 10ms, Turn Off = 15ms
Viewing Angle	70°/70°(L/R) 50°/70°(U/D)
Headphone Output	2CH headphone output via 3.5mm jack
Connectors	Three (3) pairs of HDMI connectors (1 pair per monitor) for HDMI video-in and HDMI video-out. Three (3) pairs of SDI (BNC) connectors (1 pair per monitor) for SDI video-in and SDI video-out. Three (3) pairs of BNC connectors (1 pair per monitor) for CVBS-in and CVBS-out. Three (3) pairs of RCA connectors (1 pair per monitor) for Audio-in Left and Right channels. Three (3) 3.5mm jacks (1 per monitor) for Audio Headphone-out Left and Right channels. Three (3) mini USB connectors (1 per monitor) for firmware updates. 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	25W
Temperature	Operating: -20° to 55°C Storage: -30° to 65°C Humidity: Up to 95% non-condensing
Enclosure	Metal
Dimensions	19.00" x 3.46" x 1.34" (482.6mm x 88.0mm x 34.0mm)
Weight	3.45lbs (1.57kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500840-US HDMI/3G-SDI Triple Display, US (UPC: 627699018408). 500840-UK HDMI/3G-SDI Triple Display, UK (UPC: 627699918401). 500840-EU HDMI/3G-SDI Triple Display, EU (UPC: 627699818404).

Typical Application

