

# TMM2500

## TRENTON 2U DUAL RACKMOUNT LCD MONITOR DRAWER



**Trenton TMM2500 Dual LCD Monitor Drawer**  
Factory-configured with two 19" LCDs in a retractable drawer

### FEATURES

- Dual 19" LCD monitors in a 2U rackmount monitor drawer
- Secure monitor mounting and stabilization features enable a wide range of viewing positions and secure display storage
- Multi-monitor display drawer saves valuable space in system installation
- High contrast ratios and wide viewing angles deliver superior display performance
- LED backlighting technology ideal for robust field deployments
- Rugged all aluminum enclosure construction designed for light weight system requirements
- Unified OSD controller board simplifies set-up for both monitors

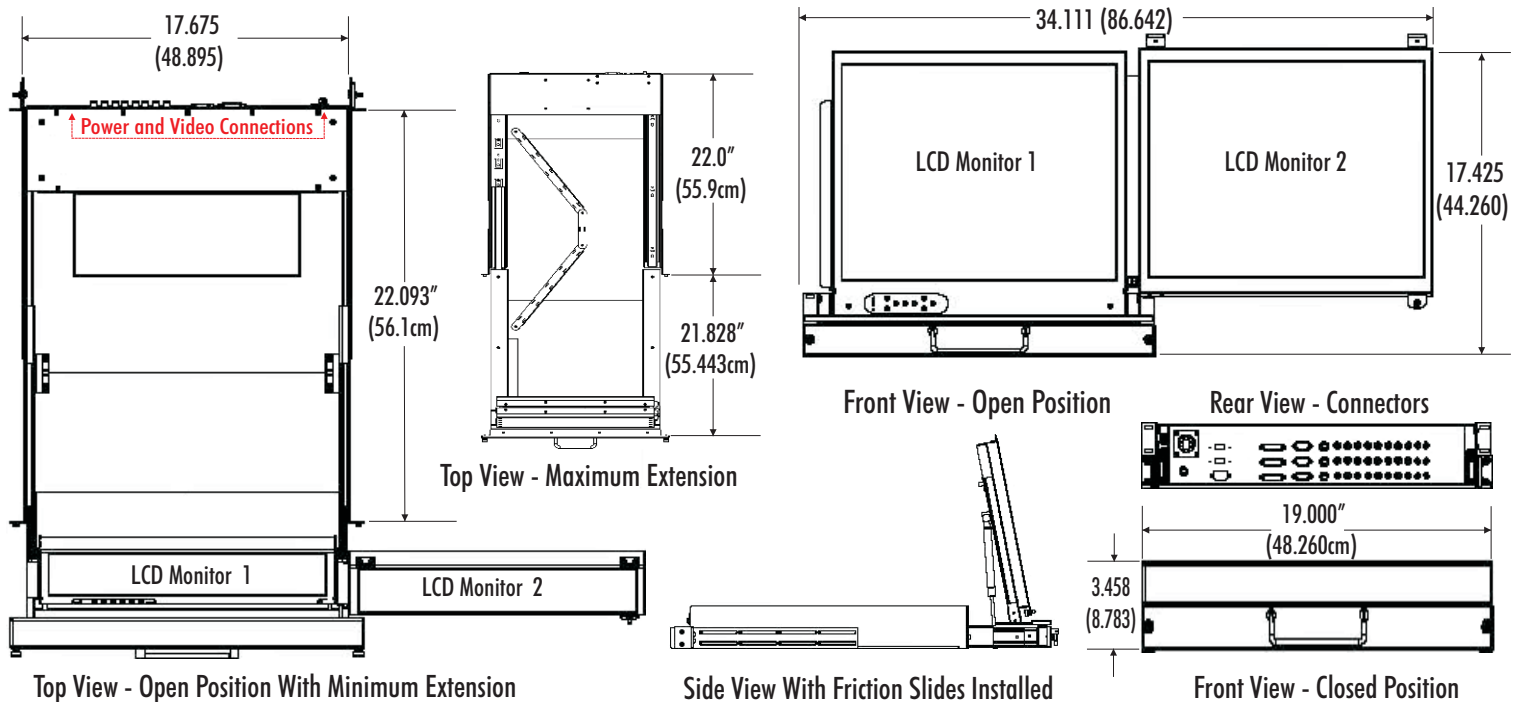


### TMM2500 OVERVIEW:

The Trenton TMM2500 delivers high-performance, dual-LCD monitor capability while only taking up two rackmount height units. The dual 19" high-performance displays featured in the Trenton TMM2500 deliver superior graphics and image clarity in complex and multi-faceted military system installations, human machine interface (HMI) control applications, process automation systems, broadcasting control facilities and medical imaging applications. Only 3.5" (8.9cm) of 19" component height is needed by the TMM2500 and this shallow 22" (56cm) rackmount depth is ideal for space-constrained monitor applications typically found in transit cases, flight packs and other system installations.

The dual monitors featured in the TMM2500 each measure 19" on the diagonal and use the latest LCD monitor display and LED backlighting technology. The displays feature wide viewing angles that enable easy monitor reading over a wide range of display positions. The monitors support display resolutions up to 1280 x 1024 pixels (SXGA) with high contrast ratios.

### TMM2500 MECHANICAL LAYOUT:



### TRENTON LCD MONITOR: TMM2500

SYSTEM MODEL	DESCRIPTION
TMM2500	Dual 2U rackmount monitor drawer features two, 19" LCD monitors with high contrast ratios, native SXGA resolutions for superior readability

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**TECHNICAL SPECIFICATIONS:**

MODEL NAME	TMM2500
DESCRIPTION	Dual 2U rackmount monitor drawer with two 19" LCD monitors with high contrast ratios and native SXGA screen resolutions
MONITOR SIZE	Each monitor has a 19" diagonal, 1.616" depth includes the monitor frame
MONITOR TYPE	Each monitor features the latest LCD display technology with a rugged and secure LED backlighting design that delivers uniform image area coverage
MONITOR ASPECT RATIO	5:4 (each monitor)
MONITOR RESOLUTION	1280 x 1024, SXGA with a color depth of 16 million colors (each monitor)
MONITOR BRIGHTNESS	350 NITS <sup>2</sup> with a contrast ratio of 1000:1 (each monitor)
MONITOR VIEWING ANGLE	85° Left of vertical center and 85° Right of vertical (170° total), 80° Up over horizontal center and 80° Down from horizontal center (160° total)
MONITOR CONTROLS	Unified on-screen display (OSD) control panel simplifies the video parameter set-up and adjustment of each individual monitor
SURFACE GLASS TREATMENT	Anti-Glare reflective or ITO (indium-tin-oxide) lens enhancement options available upon request
TOUCHSCREEN	Optional resistive touchscreen available upon request. Capacitive touchscreen option planned for future availability.
CONNECTORS	2 sets of: Analog RGB (D-15 VGA), DVI-D, CVS, S-Video, and YPbPr video connectors plus 2 sets of audio connectors
MONITOR DISPLAY SUPPORTS	Twin gas support struts ensure stable monitor display viewing
POWER SUPPLY	+12V DC low-power operation via 110/220VAC power adapter. Typical power consumption of the TMM2500 is 65W.
TEMPERATURE	0° to 50° C. Operating and -20° to 60° C. Non-operating
HUMIDITY	5% to 90% RH Operating and Non-operating (non-condensing)
SLIDE RAILS	Pre-integrated rugged friction slides with cable management guides
MONITOR HINGE	2 – Heavy-duty torque hinges support up to 60 lbs. (27.24 kg)
DIMENSIONS	19.0" / 48.3cm (W) x 3.37" / 8.56cm (H) x 22.0" / 55.88cm (D), designed for mounting in 22" - 30" (55.88cm - 76.20cm) deep racks
NET WEIGHT	32 lbs. (14.53 Kg)

Trenton Systems also offers complete rackmount computer system manufacturing and integration services using a variety of standard and customer supplied operating systems and application software packages. Various Microsoft®, Linux and RTOS operating systems can be loaded on to your Trenton Systems computer hardware by our highly skilled factory technicians. Other system integration services include loading and testing of industry standard or COTS option cards as well as custom designed boards.

Standard industry certifications and approvals for your specific rackmount computer system configuration are also available from Trenton Systems.

**NOTES:**

1. The rackmount LCD monitor photos are shown for illustrative purposes only.
2. 1000 NITS Optional High Bright (19HB product variation) available upon request.

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