

TKM1501

TRENTON 1U MONITOR/KEYBOARD TRAY WITH 8-PORT KVM



Trenton TKM1501 Monitor / Keyboard with 8-port KVM
Factory-configured with a 17" LCD in a retractable drawer

FEATURES

- Rackmount monitor saves valuable space for system installations
- Automated visualization & control for up to eight computers
- Hyper-Jump keys on the monitor face enables easy system access
- Split drawer 1U retractable enclosure enables independent keyboard storage as well as monitor storage when not in use
- 17" Active Matrix TFT LCD provides a wide viewing area
- Full-size 104-key membrane keyboard with built-in glide pad mouse
- Lightweight aluminum enclosure design weighs less than 20 lbs.
- Clamshell enclosure design enables more component placements

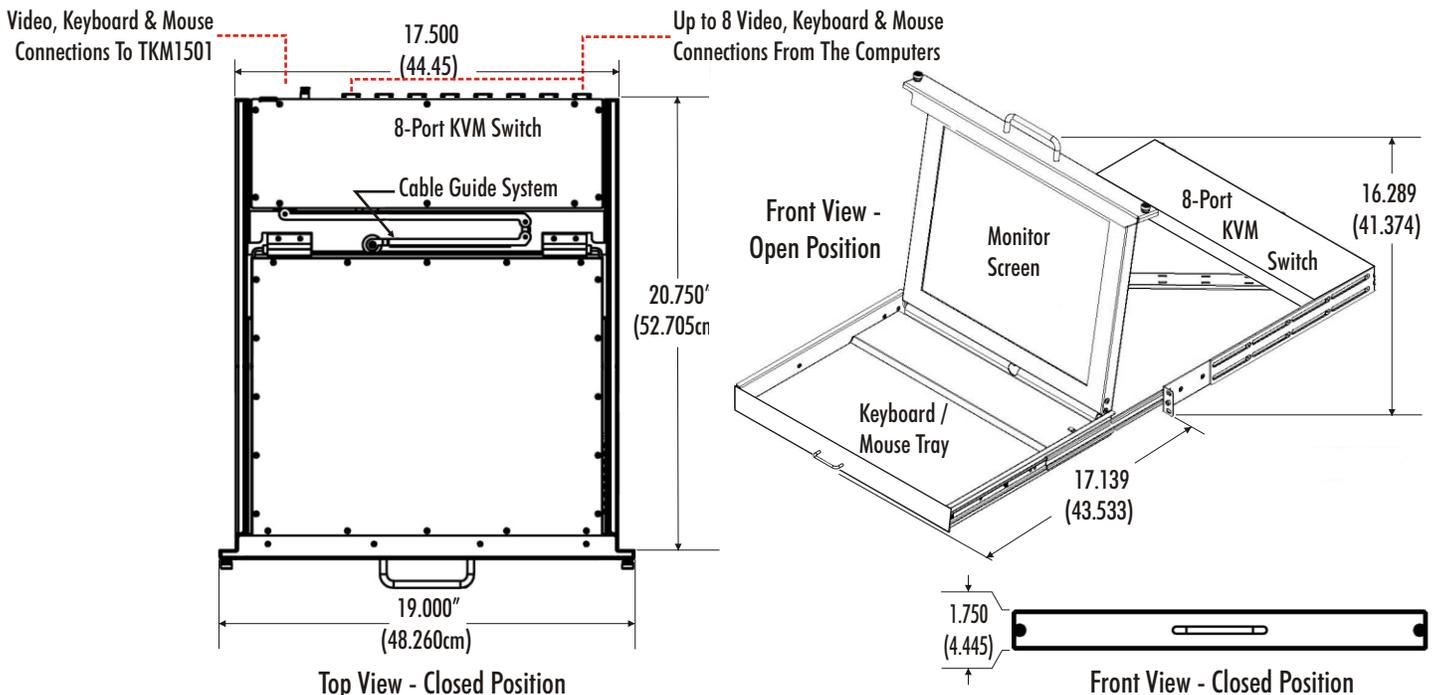


TKM1501 OVERVIEW:

The Trenton TKM1501 makes it possible to view and control up to eight rackmount computers using a single monitor and keyboard. The built-in 8-port KVM switch operates automatically to scan each computer for display or input functions. The Hyper-Jump keys on the front of the monitor enable fast access to a specific computer connected to the TKM1501. The TKM1501 eliminates redundant keyboards, monitors and mouse devices in rackmount system installations commonly found in broadcasting, industrial automation, telecom and military applications. At only 18 lbs. (8.17kg), the 1U TKM1501 is the lightest and most compact split drawer 8-port KVM available; thereby, maximizing component mounting and floor space utilization efficiency.

The LCD display featured in the TKM1501 measures 17" on the diagonal and uses the active matrix thin-film transistor (TFT) display technology to provide an easy reading display with a wide viewing angle. This 4:3 aspect ratio monitor supports display resolutions up to 1280 x 1024 pixels (SXGA) and over 16 million display colors. The mounting of this ultra-thin LCD monitor in the display's tilt frame on the TKM1501 provides a dynamic range of reading positions. The keyboard with the built-in mouse simplifies hardware mounting and cable routing.

TKM1501 MECHANICAL LAYOUT:



TRENTON LCD MONITOR: TKM1501

SYSTEM MODEL	DESCRIPTION
TKM1501	1U rackmount monitor / keyboard drawer featuring an internal 8-port KVM switch for visualization and control of up to eight computers

TECHNICAL SPECIFICATIONS:

MODEL NAME	TKM1501
DESCRIPTION	1U, rackmount LCD monitor and keyboard drawer with a split-drawer design and internal 8-port KVM for visualization & control of up to 8 systems
MONITOR SIZE	17" Diagonal, Ultra Thin [0.925" (2.35cm) depth includes the monitor frame and housing], 13.3" / 33.8cm W x 10.6" / 27.0cm H active display area
MONITOR TYPE	TFT Active Matrix LCD with Patterned Vertical Alignment (PVA) for superior contrast ratios and four CCFLs for long-life, uniform backlighting coverage
MONITOR ASPECT RATIO	4:3
MONITOR RESOLUTION	1280 x 1024, SXGA with a color depth of 16 million colors (maximum)
MONITOR BRIGHTNESS	250 NITS cd/m2 with a contrast ratio of 600:1 and a monitor response time of 10 (Tr/TF)(ms)
MONITOR PIXEL PITCH	0.264mm x 0.264mm (H x W)
MONITOR VIEWING ANGLE	89° Left of vertical center and 89° Right of vertical (178° total), 89° Up over horizontal center and 89° Down from horizontal center (178° total)
SURFACE GLASS TREATMENT	Haze 44%, Hard Coat (3H)
CONNECTOR	8 - D-15 RGB (VGA), 8 - PS/2 Keyboard and 8 - PS/2 Mouse connectors
KEYBOARD and MOUSE	Full-size, 104-key IBM compatible PS/2 keyboard with a built-in Cirque 2-button slide pad mouse
POWER SUPPLY	+ 12V DC low-power operation, provided by an external supply with a + 12V to 14.5 DC output range / 60W max. and 100-240V AC input range
TEMPERATURE	0° to 50° C. Operating and -20° to 60° C. Non-operating
HUMIDITY	20% to 90% RH Operating (non-condensing) and 5% to 90% RH Non-operating (non-condensing)
SLIDE RAILS	Pre-integrated ball-bearing slides with cable management guides
MONITOR HINGE	2 – Heavy-duty torque hinges support up to 60 lbs. (27.24 kg)
KVM SWITCH	8-Port Active Keyboard, Visual Display Unit and Mouse (KVM) switch with set-up menus for computer sequencing and display time settings
DIMENSIONS	19.0" / 48.3cm (W) x 1.75" / 4.45cm (H) x 20.75" / 52.71 cm (D)
NET WEIGHT	18 lbs. (8.17 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 monitor / keyboard tray photos are shown for illustrative purposes only.

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