

Realize the full potential of your Touch Screen Application



804-V-TS

Control 4 PCs / Servers with one Touch Screen Video Monitor

**4 Port Touch Screen Monitor Switch
The 804-TS " Mega Touch "™**

Dual-Head Models Available

Description:

The 804-V-TS "MegaTouch"™ Touch Screen Monitor Switch allows one or two touch screen monitors to be switched between four PCs. It is the ideal solution for touch technology switching applications where recovering valuable desk / rack space and reducing the clutter and expense of redundant monitors is desired. The 804-V-TS utilizes ComDat's unique electronic switching circuitry which supports **full touch technology functionality** while providing crisp, clear video resolutions of up to 1600 by 1200 at 75Hz. Inexpensive touch screen switches may use mechanical switches to switch video signals and touch screen data, which over time and repeated usage can result in signal degradation or signal loss due to mechanical fatigue or oxidation of contacts. The 804-V-TS Touch Screen Monitor Switch is a fully integrated electronic switch and can be counted on to provide years of dependable, uninterrupted service.

The 804-V-TS Touch Screen Monitor Switch comes in two standard configurations, is compact in design, easy to install and operate, and is ideally suited for desktop use, however, for applications requiring rack mounting, an optional 2U height rack mount tray is available (see [Accessories](#)). The 804-V-TS is also available as a Dual-Head Touch Screen Monitor Switch (2 touch screens per PC) on a custom order basis. All ComDat Touch Screen Monitor Switches are designed and manufactured in the USA for enterprise mission-critical applications and are backed by a Limited 2-year Warranty. For more information on this product or our complete line of KVM solutions, please contact us.

OPERATION:

The active PC is selected by either front panel switches or remotely via RS-232 serial commands.

The 804-V-TS-**DE** (Direct Entry model) has individual push button switches on the front panel for each selectable PC channel. Depressing a push button switches the connected touch screen monitor to the corresponding PC. The 804-V-TS has a single push button (NEXT PC) which provides manual sequential switching through all selectable PC channels. Each time the "NEXT PC" button is depressed it switches the connected touch screen monitor to the next PC channel in the cycle. Both models can be switched, via RS-232 serial commands, using the remote control connector (DB9 male) located on the back panel of the unit (see connections and specifications below).

In all cases and on both models, when the unit is powered, the PWR ON indicator on the front panel illuminates to indicate the unit is powered. When a PC channel is selected, a MONITOR STATUS LED on the front panel illuminates to indicate the currently selected PC.

Features:

- Designed and manufactured in the **USA**
- Backed by a **Limited 2 Year Warranty**

- PC selection via front panel switches or RS-232 control
- Supports full touch technology functionality
- Supports all popular Touch Technology Monitors, including 3M and ELO, at video resolutions up to 1600 by 1200 at 75Hz
- The MegaTouch is completely transparent to **all** PC's, operating systems, and programs
- Uses inexpensive standard cables, eliminating the need for costly multi-port cables
- A 2U height rack mount tray is available for rack mount installation

Models:



804-V-TS-DE



rear view 804-V-TS (all models)

Models:

All 804-V-TS "MegaTouch" Touch Screen Monitor Switch models can select the active PC via RS-232 control. The Direct Entry model (as indicated by **-DE**) has an individual push button switch for each selectable PC channel, while the non-DE model has a single push button (NEXT PC) that provides manual sequential switching through all selectable PC channels.

804-V-TS: 4 port Touch Screen Monitor Switch. Switch one touch screen monitor between four PCs. PC selection via "NEXT PC" push-button or RS-232 control port.

804-V-TS-DE: 4 port Touch Screen Monitor Switch. Switch one touch screen monitor between four PCs. PC selection via direct entry front panel switches or RS-232 control port.

804-V2-TS2: 4 port Dual Head Touch Screen Monitor Switch. Switch two touch screen monitors between four Dual Head PCs. PC selection via "NEXT PC" push-button or RS-232 control port.

804-V2-TS2-DE: 4 port Dual Head Touch Screen Monitor Switch. Switch two touch screen monitors between four Dual Head PCs. PC selection via direct entry front panel switches or RS-232 control port.

Connections:

Standard HDD15 Male-female video cables are used to connect to the video ports of the PC's. Standard DB9 male-female cables are used to connect to the serial ports (for touch screen data) of the PC's. You may use your cables, or purchase them directly from ComDat Systems (see Accessories). The captive cables that are part of, or provided with, the touch screen monitor are used to connect it to the MegaTouch. The **Remote Control** (RS-232 control) connector is a DB9 male with serial data transmitted to pin-2 (pin-5 is gnd) @ 9600 baud. Data format is: one start bit, eight data bits (LSB first), one stop bit, no parity. Selection codes are: Hex 31 = PC#1, Hex 32 = PC#2, Hex 33 = PC#3, Hex 34 = PC#4.

Specifications:

Dimensions for both models of the **804-V-TS** Touch Screen KVM Switch are 3.38 in (8.59 cm) H x 8.08 in W x 6.32 in D (6.68 cm x 20.52 cm x 16.05 cm). The housing is molded of black GE Cycloc-T, a high

impact ABS material, and is internally shielded with an acrylic base nickel coating for RFI attenuation. Front and rear panels are fabricated from .062 in thick aluminium and finished with low gloss paint. All 804-TS Touch Screen KVM switch models are powered from the connected PC's keyboard and mouse ports, so no external power supply is required. FCC and CE marked. Shipping weight is less than 3 lbs per unit.

Environmental	Operating Temp:	5 to 104 deg. F (-15 - 40 deg. C)
	Storage Temp:	-4 to 122 deg. F (-20 - 50 deg. C)

Supported Hardware	Computer:	IBM PC/AT, PS/2 and 100% compatibles
	Touch Screen Monitors:	3M, ELO and compatibles in VGA, SVGA modes
	Maximum Resolution:	up to 1600 x 1200 at 75 Hz