

STVI

Smart Touch View Interface

Handheld controller for SMRT test sets

Megger[®]



- Large high-resolution color TFT LCD touch-screen intuitive smart navigation makes testing relays easier
- Standard software includes ramping, timing, sequencer/transient earth fault simulator, impedance, differential, transducer, and meter test.
- Enhanced Software includes synchronizer, frequency/ROCOF, Megger GOOSE Configurator (MGC) and Sampled Values Analyser (SVA), COMTRADE transient playback, power swing/out of step, and SS1 file playback

DESCRIPTION

The Smart Touch View Interface™ (STVI) is extremely easy to use. The STVI uses a standard Ethernet cable, and Power Over Ethernet (POE) operation. The STVI includes non-volatile built-in data storage for saving tests and test results. Two USB ports are provided for transferring test results to an external storage device for transferring to a PC at a later stage and to possibly use a USB mouse and/or keyboard.

APPLICATION

The most significant feature of the STVI is its ability to provide the user with a very simple way to manually test, for both commissioning and maintenance, from the simple overcurrent relay to the most complex relays manufactured today. Manual operation is simplified using a built-in computer operating system and the touch screen. The STVI eliminates the need for a computer when testing virtually all types of relays. Intuitive menu screens and touch screen buttons are provided to select the desired test function quickly and easily.

SPECIFICATIONS

Input power

The STVI draws power through the Ethernet cable using Power-Over-Ethernet (POE of 15Volts DC, 0.5 Amps) from the host unit (SMRT33, 43, 46, 410 & MRCT), or from an external Power Over Ethernet power supply and Ethernet interface for use with SMRT1.

Communication interfaces

Ethernet RJ45, 10/100 Mbps/s
USB Ports: 2

Power over ethernet

IEEE Std 802.3at (25 W)

Display screen

The TFT LCD display provides high resolution and features Wide Viewing Angle Technology and a large screen with high luminance for reading in direct sunlight.

Dimensions: 10.54 H x 6.77 W x 1.32 in.

(267.7 H x 172.0 W x 33.5 D mm), 10.1" Diagonal

Display: Projective capacitive multi touch screen, TFT LCD touch screen, Anti-glare surface with hard coating, 700 nits panel brightness, 1920 x 1200 resolution and an 800:1 contrast ratio.

Temperature range

Operating: 32 to 122° F (0 to 50° C)

Storage: -4 to 140° F (-20 to 60° C)

Relative Humidity: 10 - 90% RH, non-condensing

Unit enclosure:

There are two models of enclosures or a rack mount design:

- Standard enclosure – Rugged, lightweight, flame-retardant ABS POLYLAC Plastic enclosure
- Rugged enclosure – Rugged, waterproof and durable design that is impact resistant and durable

Dimensions

STVI-10: 13.5 W x 9 H x 3 D in. (342.9 W x 228.6 H x 76.2 D mm)

STVI-10R: 14.5 W x 12 H x 5 D in. (368.3 W x 304.8 H x 127 D mm)

IEC enclosure rating:

IP30

Weight

STVI-10: 4.2 lb. (1.9 kg)

STVI-10R: 6.4 lb. (2.9 kg)

Conformance standards

Safety: EN 61010-1, UL 61010-1, CSA- C22.2 #61010-1

Shock, vibration, and transit drop

Shock: MIL-PRF-28800F (30g/11ms half-sine)

Vibration: MIL-RFP-28800F (5-500Hz, 2.05 g rms)

Transit Drop Test: MIL-PRF-28800F (46cm, 10 impacts)

Environmental

Steady Cold: MIL-STD-810, Method 502.2

Cold Storage: MIL-STD-810, Method 502.2

Hot Storage: MIL-STD-810, Method 501.2

Steady Dry Heat: MIL-STD-810, Method 501.2

Electromagnetic compatibility

Emissions: EN 61326-2-1, EN 61000-3-2/3, FCC Subpart B of Part 15 Class A

Immunity: EN 61000-4-2

STVI

Smart Touch View Interface

Handheld controller for SMRT test sets

ORDERING INFORMATION

Item description and quantity	Part number
Standard STVI for SMRT33, 43, 46, 410, SPI225 and MRCT (1 each)	STVI-10
Rugged STVI for SMRT33, 43, 46, 410, SPI225 and MRCT (1 each)	STVI-10R
Rackmount STVI with POE	STVI-10-RK
Standard STVI for SMRT1 (1 each)	STVI-20
Rugged STVI for SMRT1 (1 each)	STVI-20R
Soft Carry Bag for Standard STVI (1 each)	2003-725
Shipping/Transit Case	1015-209

UNITED STATES

4545 West Davis Street
Dallas, TX 75211-3422
T 800.723.2861
T +1 214.333.3201
F +1 214.331.7399
E usasales@megger.com

CANADA

550 Alden Road, Unit 106
Markham, Ontario L3R 6A8
T (800) 567-0286
F (416) 298-7214
E casales@megger.com

STVI-10_DS_ENUS_V11

www.megger.com
ISO 9001
The word 'Megger' is a registered trademark

Megger[®]