SW 10

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The **SW10** is a compact, lightweight, ANSI 3.64 compatible VDT which is a low cost alternative for the DEC* VT-100*.

8 PROGRAMMABLE FUNCTION KEYS

In addition to the basic VT-100/52* features, the SW10 provides 8 programmable function keys that can each store up to 20 user defined characters. These function keys may be used to execute previously stored instructions or to enter repetitive text with a single keystroke. Programmable delays may be inserted for asynchronous interface operations.

The SW10's convenient SETUP Mode allows the user to view all operation parameters in plain English. An operator can simply step through these parameters to adjust brightness, turn cursor blink on or off, set baud rates, etc. — rather than having to adjust knobs or switches.

PRINTER PORT

The SW10 includes a printer port with "pass through" capabililties which accommodates 132 column printing operations while recognizing a "printer busy" signal.

Simulated Block Mode transmission is possible, allowing users to go off-line, fill the screen and edit text, then go back on-line to transmit data. Additionally, the SW10's split-screen capability allows the viewing area to be divided into two or three zones of variable length.

SMALL FOOT PRINT

A low glare green monitor (white optional) and a detachable keyboard are standard. A PROGRAMMER'S mode which allows operating commands to be displayed but not executed can be used as a program debugging aide. The screen can display 1920 characters plus a status line. The SW10's small footprint makes it ideal for use in cramped working areas and the unit's light weight makes it very portable.

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SPECIFICATIONS

DISPLAY/KEYBOARD

SCREEN SIZE: 12" Diagonal. **SCREEN CAPACITY:** 1920 Characters, 24 Lines x 80 Characters. **STATUS LINE:** 25th Line. **SCREEN PHOSPHOR:** Green-P31, White-P4. **REFRESH RATE:** 50/60 Hertz. **SCAN METHOD:** Raster, Noninterlaced. **MONITOR GLARE REDUCTION:** Direct Etch, Bonded Faceplate. **CHARACTER SET:** 96 ASCII plus 32 Special Characters. **CHARACTER MATRIX:** 5 x 7 with dot slide (2 dot descenders) on 7 x 10 Field. **CURSOR:** Solid or Blinking Reverse Video Block. **VISUAL ATTRIBUTES:** Configurable between NORMAL/HALF or NORMAL/REVERSE. **PROGRAMMABLE FUNCTION KEYS:** 8 Keys, 20 Characters/Key.

MODES OF OPERATION

VT-100*: Command compatibility wth DEC* VT-100* except DH/DW, underline, blink, reverse video and 132 columns. **VT-52*:** Command compatibility as supported on DEC VT-100*. **PROGRAMMER:** Command sequences displayed on the screen, but not executed.

COMMUNICATION

INTERFACE: RS-232C and 20mA Current Loop. **COMMUNICATIONS MODE:** Character by Character, Full Duplex. **PRIMARY PORT:** RS-232C/20mA Asynchronous, XON/XOFF. **PRINTER PORT:** RS-232C. Asynchronous, with DTR drop Protocol and Printer Controller Mode. **BAUD RATES:** 50/110/13.45/300/1200/2400/4800/9600. **PARITY:** Odd/Even/Mark/Space. **STOP BITS:** 1/1.5/2.

COMMAND SET (ANSI 3.64)

ANSI/VT-52 MODE
AUTO REPEAT MODE
AUTO WRAP MODE

BAUD RATE SELECT
CHARACTER SET SELECT
CURSOR KEY MODE
CURSOR POSITION DIRECT/REPORT
CURSOR UP, DOWN, LEFT, RIGHT
DEVICE STATUS REPORT
ERASE LINE/SCREEN
FUNCTION KEY CALL
FUNCTION KEY PROGRAMMING
HALF/FULL INTENSITY
HORIZONTAL/VERTICAL POSITION
INDEX/REVERSE INDEX
INSERT/DELETE CHARACTER
INSERT/DELETE LINE
KEYPAD APPLICATION MODE
LOAD LEDS
ORIGIN MODE
PAGE SEND
PRINTER INTERFACE ON/OFF
PRINT SCREEN
SAVE/RESTORE CURSOR
SET/RESET MODES
SLOW SCROLL ON/OFF
SPLIT SCREEN SCROLL
TAB SET/TAB CLEAR
TRANSMIT CHARACTER AT CURSOR

SET UP MODE PARAMETERS

MODE	ON LINE/LOCAL
BAUD	50 THRU 9600
PARITY	SPACE/MARK/EVEN/ODD
MODE	VT-100/VT-52/PROGRAM
AUTO NEW LINE	ON/OFF
AUTO WRAP	ON/OFF
CURSOR BLINK	ON/OFF
CAPS LOCK	ON/OFF
MARGIN BELL	ON/OFF
SHIFT 3	#/£
POWER FREQUENCY	50/60 HERTZ
PRINTER BUSY	LOW/HIGH

PASSTHRU	ONLY/DISPLAY
AUTO REPEAT	ON/OFF
PROTECTED PRINT	ON/OFF
AUTO XON	ENABLE/DISABLE
LOCAL ECHO	ON/OFF
KEY CLICK	ON/OFF
SLOW SCROLL	ON/OFF
REVERSE VIDEO	ON/OFF
BRIGHTNESS	1 THRU 12

PHYSICAL

DISPLAY:
HEIGHT:	11.5" (29cm)
WIDTH:	13" (33cm)
DEPTH:	12" (30cm)
WEIGHT:	22 lbs. (10kg)

KEYBOARD:
HEIGHT:	2.5" (6.4cm)
WIDTH:	17" (41cm)
DEPTH:	8" (20cm)
WEIGHT:	5 lbs. (2.25kg)
TOTAL WEIGHT:	27 lbs. (12.15kg)
POWER:	61 watts
VOLTAGE:	105-135 Vac or 210-250 Vac
LINE FREQUENCY:	50/60 Hertz
TEMPERATURE:	5C to 40C operating -30C to 65C storage
HUMIDITY:	5% to 95% non-condensing

OPTIONS

220 VOLT 50 HERTZ
11 INTERNATIONAL CHARACTERS
(United Kingdom, Spanish, Azerty, French Azerty, French Typewriter, Qwerty, Qwertz, German, Danish, Norwegian and Swedish/Finnish).
Vido Tilt Turntable
Data Cable
White Phosphor

KEYBOARD

All GTC Products Have a 6 Month Warranty.