GTCO CalComp
by TURNING technologies

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GTCO CalComp by Turning Technologies
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Surface-Lit DrawingBoard

LARGE-FORMAT DIGITIZERS

Enhance the quality and accuracy of designs through illumination with Surface-Lit DrawingBoard. The innovative large-format digitizer features a thin panel of LED backlighting engineered for superior clarity and guarantees the highest level of data integrity available today.

Surface-Lit DrawingBoard utilize the same Advanced Function Technology that has set the world standard for performance. Internally, these high performance tools are engineered with a state-of-the-art positioning grid to ensure reliability, precision and value. An integrated mounting channel allows accessories such as a pen tray to be easily and quickly mounted.

Create effective designs while being efficient on energy costs. Surface-Lit DrawingBoard encompasses a cool working surface that uses less than half the energy of conventional back-lit tablets.

FEATURES

Industry's Highest Resolution and Accuracy
- Resolution up to 12,700 lines per inch
- Accuracy level offered: ±0.010"

Choice of transducers
- Corded stylus pen
- Corded 4-button cursor
- Corded 16-button cursor

Convenience Features
- Lightweight and thin profile design
- Easily attaches to digitizer using mounting arms
- Integrated USB and RS-232 Serial connections (RS-232 Serial requires optional power supply)

Compatibility
- All leading Mapping and Computer-Aided Design (CAD) hardware and software applications, including Intergraph® and MicroStation®.

Technical Specifications

Platform Support	PC
Software Drivers	Microsoft Windows® 7, 8 AND 10
Hardware Interface	USB, RS-232 Serial (Requires optional Power Supply)
Absolute Accuracy	±0.010 in / ±0.254 mm with standard accuracy corded DB6 cursor
	±0.025 in / ±0.635 mm with corded DB6 pen
Resolution	Up to 12,700 lines/inch (500 lines/mm) real resolution
Repeatability	1 LSB (least significant bit)
Proximity	Up to 0.4 in (10.2 mm) above the light panel with corded pointing device
Self-Diagnostics	Automatic testing RAM, ROM and microprocessor
Baud Rate	Up to 38,400
Data Rate	Up to 200 coordinate pairs/second
Technology	Electromagnetic
Output Formats	32 industry-standard formats
Cursor Switches	Elastomeric keypad, rated life over 1 million actuations
Emulations	CalComp 3400, GTCO T5A, Summagraphics Microgrid
Operating Modes	Point, line, run, track, incremental, prompt
Power Supply	Universal power supply 120V-240V
	No power supply required for USB connection
Power Requirements	5 Volts, DC, 100 mA current draw (USB) 9 Volts, DC, 200 mA current draw (with Power Supply)
Certification	UL 1950, EN60950, FCC, VCCI, CE, EN55024, EN55022, Industry Canada
Operating Temperature	41 to 115°F/5 to 46°C
Storage Temperature	0 to +150°F/-18 to +68°C
Humidity Range	10 to 95%, noncondensing
Altitude Range	0 to 10,000 ft./0 to 3,077 m
Warranty	One-year limited warranty; extended warranty available – U.S. only

Physical Dimensions

Model	Active Area	Footprint	Weight	Average Shipping Weight
DB6-2024	20 x 24 in/508 x 609.6 mm	29 x 34 in/737 x 864 mm	13 lbs./5.9 kg	31 lbs./17.7 kg

Purchase Includes:	Transducer Options:	Optional Equipment
• DrawingBoard VI digitizer • Surface-Lit panel • Surface-Lit panel power supply • 6 thumb screws • 4 short mounting arms • 2 long mounting arms • Pointing device • 2 tabletop feet • USB cable	• Corded stylus pen • 4-button cursor, corded • 16-button cursor, corded	