Appointed UK Reseller:
Visual Precision Ltd
2 Sycamore Tree • Elmhurst Business Park
Park Lane • Elmhurst • Lichfield • WS13 8EX • United Kingdom
Tel: +44(0)1543 262222 • Email sales@VisualPrecision.co.uk

GTCO CalComp by Turning Technologies 14557 N. 82nd Street I Scottsdale, AZ 85260

DrawingBoard VI™

LARGE-FORMAT DIGITIZERS

Designed for demanding CAD, GIS, engineering, textile and apparel applications, the DrawingBoard VI series is the design professional's choice in large-format digitizers. DrawingBoard VI systems feature integrated USB and RS-232 Serial connections. When connected through a USB, no power supply is required simplifying setup and operation.

DrawingBoard VI digitizers 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, performance and quality. Multiple accuracy versions are available to match specific system requirements and an integrated mounting channel allows accessories, such as a pen tray, to be easily and quickly mounted.

DrawingBoard VI digitizers also work with a variety of cursors and stylus pens. Each pointing device offers a number of programmable buttons. By assigning specific program functions to these buttons, you'll increase efficiency and improve production times.

DrawingBoard VI digitizers work with a variety of cursors and stylus pens

Features

Industry's Highest Resolution and Accuracy
- Resolution up to 12,700 lines per inch
- Accuracy levels offered: ±0.010", ±0.005"

Choice of Pointing Devices
- Cordless 4-button cursor
- Corded or cordless 16-button cursor
- Corded or cordless click tip pen with two side buttons

Convenience Features
- Easy-to-install Tabletworks Driver
- Integrated USB connection allows digitizer to be powered through USB port on connected computer
- Integrated USB and RS-232 Serial connections (RS-232 Serial requires optional power supply)

Software Drivers
- Wide range of compatibility
- Programmable macros (RS-232 only)

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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 (Standard)
Resolution	Up to 12,700 lines per inch/500 lines per mm real resolution
Repeatability	1 LSB (least significant bit)
Proximity	>0.4 in / 10.2 mm, cordless; >0.8 in / 20.3 mm, corded 0.5 in / 12.7 mm
Self-Diagnostics	Automatic testing RAM, ROM and microprocessor
Baud Rate	Up to 38,400
Data Rate	Up to 200 coordinate pairs per 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	120 V/60 Hz, 220 V/50 Hz (required for RS-232 serial connection) No 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 RTB

Digitizer Options and 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./5.9kg	31 lbs./17.7kg
DB6-2436	24x36in/609.6x914.4mm	32.5x46in/826x1,168mm	19lbs/8.6kg	48 lbs./21.8 kg
DB6-3648	36x48in/609.6x914.4mm	44.5x60in/1,130x1,524mm	30lbs/13.6kg	79 lbs./35.9 kg
DB6-4460	44x60in/1,117.6x1,524mm	52.5x69in/1,133x1,753mm	40lbs/18.2kg	89 lbs./40.5 kg

Purchase Includes:

- DrawingBoard VI digitizer
- Corded or cordless transducer (Specify at time of purchase)
- USB cable
- Mounting brackets (Except model 2024)
- Pen/cursor tray

Transducer Options:

- 4-button cursor, cordless
- 16-button cursor, corded or cordless
- Click tip pen with two side buttons, corded or cordless

Other Options

- Clear overlay
- Manual lift/manual tilt pedestal
- RS-232 Serial Kit (Power supply and cable)