DrawingBoard® V™

Designed for demanding CAD, GIS, engineering, textile and apparel applications, the DrawingBoard V series is the design professional's choice in large-format digitizers. DrawingBoard V digitizers make perfect tools. They feature the industry's highest resolution, 12,700 lines per inch, integrated RS232 serial and USB connection for quick and easy set-up, a choice of corded or cordless transducers, as well as a variety of sizes to satisfy your application's requirements.

DrawingBoard V 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 V digitizers also work with a variety of cursors and stylus pens. Each pointing device offers a number of program-mable buttons. By assigning specific program functions to these buttons, you'll increase efficiency and improve production times. Programmable cursor and stylus interfaces allow full functionality and easier operation of complex programs as there is no longer any need to search through layers of pull-down menus to access specific functions—simply select the appropriate button that is always at your fingertips. DrawingBoard V's pressure pens are designed for demanding applications requiring up to 256 levels of pressure sensitivity.

FEATURES

Industry's highest resolution and accuracy

- Resolution up to 12,700 lines per inch
- Accuracy up to ±0.002 inches

Choice of pointing devices

- Cordless or corded 16-button cursor
- Cordless or corded 4-button cursor
- Cordless or corded click tip pen with two side buttons
- Cordless light touch pen with two side buttons
- Cordless pressure pen with two side buttons
- Illuminated 16-button cursor with high-accuracy digitizers

Convenience features

- Easy-to-install software
- Powered via USB connection (except for High Accuracy 0.002"), which simplifies setup
- Integrated USB and RS 232 serial connections

Software drivers

- Wide range of compatibility
- Programmable macros (RS232 only)

CalComp

DrawingBoard® V™

L A R G E - F O R M A T   D I G I T I Z E R S

Platform Support	PC
Software Drivers	(WinTab compliant) Microsoft Windows 95, 98, ME, NT, 2000, XP
Hardware Interface	Integrated USB, RS-232 serial standard
Absolute Accuracy	±0.010 in /±0.254 mm standard accuracy
	±0.005 in/±0.127 mm optional accuracy
	±0.002 in/±0.051 mm optional accuracy
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
Self Diagnostics	Automatic testing RAM, ROM and microprocessor
Baud Rate	300 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	100/110 V/60 Hz or 220/240 V/50 Hz
Power Requirements	9 Volts, DC, 200 mA current draw or 5v 100 (USB)
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

Digitizer Options and Physical Dimensions

Model	Active Area	Footprint	Weight	Average Shipping Weight
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/14.1 kg
2436	24 x 36 in/609.6 x 914.4 mm	32.5 x 46 in/826 x 1,168 mm	19 lbs/8.6 kg	42 lbs/19.1 kg
3648	36 x 48 in/914.4 x 1,219.2 mm	44.5 x 60 in/1,130 x 1,524 mm	30 lbs/13.6 kg	70 lbs/31.8 kg
4460	44 x 60 in/1,117.6 x 1,524 mm	52.5 x 69 in/1,333 x 1,753 mm	40 lbs/18.2 kg	80 lbs/36.4 kg

Distributed by:

Included With Your Purchase
- DrawingBoard V digitizer
- Corded or cordless transducer
- CD ROM with TabletWorks software drivers and user's manual
- Power supply
- All necessary cables

Transducer Options
- 16-button cursor, corded or cordless
- 4-button cursor, corded or cordless
- Click tip pen, corded or cordless
- Pressure tip pen, cordless
- 16-button illuminated cursor for high-accuracy digitizers, corded
- Lite Touch pen, cordless

Other Options
- Manual lift/Manual tilt pedestal
- Power lift/Manual tilt pedestal
- Power lift/Power tilt pedestal
- Magnifier lens for high-accuracy cursor
- Mounting brackets

GTCO CalComp
P E R I P H E R A L S

Continuing research and development may result in specification or appearance changes at any time.