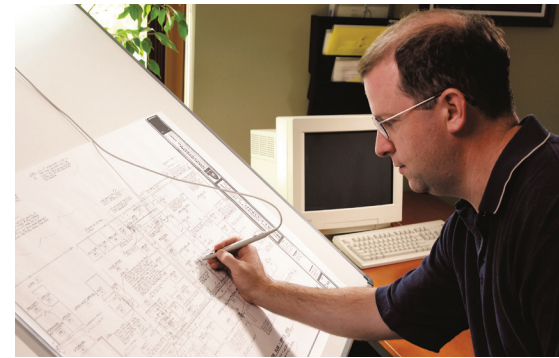**DrawingBoard VI digitizers work with a variety of cursors and strylus pens**

The DrawingBoard VI series is the design professional's choice in large-format digitizers and graphic tablets

Overview

Designed for demanding CAD, GIS, engineering, textile and apparel applications, the DrawingBoard VI series is the design professional's choice in large-format digitizers and graphic tablets. DrawingBoard VI systems now feature integrated USB and RS-232 Serial connections. When connected via 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. Drawing Board VI small-format digitizers feature a recessed menu area, and a clear overlay that holds templates and menus in place. When used with a menu, these tablets significantly enhance user productivity by con-solidating multiple mouse selections into a single point-and-click action.

DrawingBoard VI tablets and digitizers offer unparalleled features and performance no matter what your application.

Features

Industry's Highest Resolution and Accuracy
  Large Format Digitizers
  • Resolution up to 12,700 lines per inch
  • Accuracy levels offered: ±0.010", ±0.005", ±0.002"
  Graphic Tablets
  • Resolution up to 2,540 lines per inch
  • Accuracy up to ±0.010 inches

Choice of pointing devices
• Cordless or corded 16-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
• 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)

Specifications

Platform Support	PC
Software Drivers	Microsoft Windows 95, 98,ME,NT, 2000, XP, Vista, and 7
Hardware Interface	USB, RS-232 Serial (Requires optional Power Supply)
Absolute Accuracy	**Accuracy Options:**
	Large Format Systems
	±0.002 in / ±0.051 mm; ±0.005 in / ±0.127 mm; ±0.010 in / ±0.254 mm
	Graphics Tablets (12x12 & 12x18)
	±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
Proximity	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; extended warranty available for Large Format tables—U.S. only

Included With Your Purchase

- DrawingBoard VI digitizer or graphic tablet
- Corded or cordless transducer (Specify at time of purchase)
- USB Cable
- CD ROM with Windows Drivers and user's manual
- Mounting brackets for Large Format digitizers (except model 2024)
- Pen/cursor tray for digitizer

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 for Large Format Digitizers

- Clear overlay
- Manual lift/manual tilt pedestal
- Magnifier lens for high-accuracy cursor
- RS-232 Serial Kit (Power Supply and Cable)
- Extended warranty (large format only)

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/5.9 kg	31 lbs/17.7 kg
DB6-2436	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	48 lbs/21.8 kg
DB6-3648	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	79 lbs/35.9 kg
DB6-4460	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	89 lbs/40.5 kg

Tablet Options and Physical Dimensions

Model	Active Area	Width	Depth	Height (front)	Height (back)	Weight
DB6-1212	12 x 12 in/305 x 305 mm	14.6 in/371 mm	15.9 in/404 mm	.7 in/17.8 mm	1.7 in/43.2 mm	4.1 lb/1.9 kg
DB6-1218	12 x 18 in/305 x 457 mm	20.7 in/525.8 mm	15.9 in/404 mm	.7 in/17.8 mm	1.7 in/43.2 mm	9.5 lb/4.3 kg

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