

SUMMAGRID™ VII

LARGE-FORMAT DIGITIZERS



The Summagrid VII large-format digitizer series has been designed to provide optimum value at the highest accuracy for CAD/CAM, apparel and construction estimating professionals. Summagrid VII digitizers blend advanced technology with affordability to give users the highest precision at the most competitive price.



Summagrid VII offers high-quality performance

in a sleek, ergonomic design.

Summagrid VII's many features include Windows software drivers and user-friendly setup and installation. In addition to



an RS-232 serial port, the SummaGrid VII includes native USB connectivity that allows power to be supplied via the USB port for simplified installation.

The Summagrid VII series includes a full range of sizes including 24"x36" (A1), 36"x48" (A0) and 44"x60" (A0+). All models come with integrated USB and RS-232 serial connections, a choice of corded or cordless transducers, plus drivers, utilities, interface cables, mounting brackets and a pen tray.

FEATURES

Flexibility and Performance

- Two levels of accuracy: High accuracy — ± 0.005 inches or Standard accuracy — ± 0.010 inches
- 2,540 lpi/100 lpmm resolution
- Baud rate up to 38,400
- Data rate up to 200 coordinate pairs per second
- Electromagnetic technology

User-Friendly Technology

- Prompt, point, run, line, track and increment operating modes
- Integrated USB and RS-232 serial connections
- When connected via USB, no power supply is required, which simplifies setup
- Easy-to-install software
- Compatible with a wide range of application software

Summagraphics®

SUMMAGRID™ VII

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	Microsoft Windows 95, 98, ME, NT, 2000, XP
Hardware Interface	USB and RS-232 serial standard
Absolute Accuracy	±0.010 in /±0.254 mm standard accuracy ±0.005 in/±0.127 mm optional accuracy
Resolution	2,540 lines per inch/100 lines per mm
Repeatability	1 LSB (least significant bit)
Proximity	>0.4 in/10.2 mm, cordless >0.8 inches/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	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, 200 mA current draw (USB) 9 Volts, DC, 200 mA current draw (with Power Supply)
Certification	UL 1950, EN60950, FCC, VCCI, CE, EN 55025, EN 55022, 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
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
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
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

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Included With Your Purchase

- Summagrid VII digitizer
- Corded or cordless transducer
- CD ROM with Windows Drivers and user's manual
- Power supply
- Mounting brackets (except 2024)
- Pen/cursor tray
- All necessary cables

Transducer Options

- 16-button cursor, corded or cordless
- 4-button cursor, corded or cordless
- Click tip pen, corded or cordless
- Lite Touch pen, cordless
- Pressure tip pen

Other Options

- Clear overlay
- Manual lift/Manual tilt pedestal
- Power lift/Manual tilt pedestal
- Power lift/Power tilt pedestal

GTCO CalComp

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

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