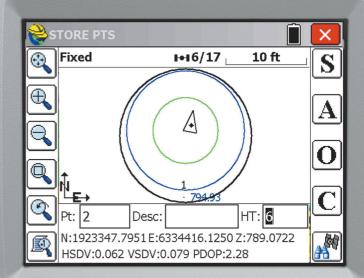
# **Carlson Surveyor2**





# **Carlson Surveyor2**







# Surveyor 2



Powered with

# Carlson

#### **FASTER PROCESSOR**

More on-board storage space - now 8GB; and I.0 GHz processor

### **LONG-RANGE BLUETOOTH**

Up to 1500 feet paired with class I device

### **EXTENDED BATTERY LIFE**

Up to 20 hours

## LARGER, BRIGHTER DISPLAY SCREEN

Higher resolution, easier to read color display with scratch-resistant glass

#### **EVEN MORE RUGGED**

IP68 water & dustproof; shock resistant

#### **EASIER TO USE**

Still just 2 pounds and the QWERTY keyboard speeds data entry

#### **MORE OPTIONS**

- Integrated camera
- 3G modem
- GNSS receiver



#### **Find Out More NOW!**

Call or visit Carlson Software:

800-989-5028 • www.carlsonsw.com



## PROCESSOR AND MEMORY

- I GB RAM
- I.0 GHz ARM Cortex A8 i.MX53

#### **OPERATING SYSTEM AND** SOFTWARE

- Microsoft® Windows® Embedded Compact 7
- Multiple OS languages (English, French, Spanish, German, Portuguese)
- Adobe Reader® LE

#### **MEMORY AND DATA STORAGE**

- 8 GB flash storage
- User-accessible micro SD / SDHC slot

urveyor

- Active viewing area: 4.3" (109 mm)
  VGA LCD TFT (640 x 480) Landscape Display
- High-visibility backlit LCD

#### TOUCHSCREEN

- Projected capacitive touch interface
- Chemically-strengthened glass
- Scratch-resistant screen

#### **KEYBOARD**

- Full numeric and QWERTY keypad
- Adjustable backlit keys

- COM1, RS-232C 9-pin D connector with 5VDC power output on pin 9
- USB host (Full A), USB client (Micro B)
- 12, 24VDC input, 10-36V unregulated
- 3.5 mm audio jack, supports speaker / microphone or stereo output (pin detect)
- IO docking ports for charging
- USB port connector protector

- Intelligent Li-Ion battery 3.7VDC @ 10600 mAh, 38.7 Whr
- Operates 20+ hours on a single charge
- Charges in 2 to 4 hours
- Battery easily changeable in field
- Optimized for excellent performance in cold temperatures

- Size, Standard models: 5.4" w x 10.2"  $1 \times 1.6$ " d (138 mm x 256 mm x 40 mm)
- Weight: 2 lbs (908 g), with battery
- Durable hardened plastic in a shear-proof and shock-resistant design
- Strong chemical resistance
- Comfortable, wide hand strap
- Easy-to-grip, impact-absorbing

#### **ENVIRONMENTAL**

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- IP68 waterproof and dustproof
- Operating temperature: -22°F to 140°F (-30°C to 60°C)
- Storage temperature: -22°F to 158°F (-30°C to 70°C)
- Note: Bluetooth® wireless technology is rated to -4°F (-20°C)
- Shockproof: multiple drops from 5' (1.5 m) onto concrete
- MIL-STD-810G test procedures: Method 500.5 Low Pressure (Altitude): Method 501.5 High Temperature; Method 502.5 Low Temperature; Method 503.5 Temperature Shock; Method 506.5 Rain; Method 507.5 Humidity; Method 510.5 Sand and Dust: Method 512.5 Immersion; Method 514.6 Vibration; Method 516.6 Shock

## WIRELESS CONNECTIVITY

- Bluetooth® wireless technology, 2.1 +EDR, Class 1.5, line-of-sight range up to 1500 feet (450 meters) when paired with Class I Bluetooth device
- Wi-Fi® 802.11 b/g/n with extended
- 3.75G modem (3G Models) -Pentaband Worldwide Frequencies: HSPA+ / UMTS: 800 / 850 / 900 / 1800 / 1900 / 2100MHz
- Data communication interface

### **CAMERA (GEO MODELS)**

- 5 MP resolution with autofocus and LED illuminator + video capture
- Juniper Geotagging<sup>™</sup>: embed and emboss photo with date, time, and

#### **GPS/GNSS (GEO MODELS)**

- High-sensitivity GPS / GLONASS / SBAS receiver
- User settings for enhanced performance under canopy
- Accuracy: SBAS 2 meters; autonomous 5 meters
- NMEA and BINR output
- 32 channel all-in-view tracking
- JSNav GNSS positioning and

#### **CERTIFICATIONS AND**

- **STANDARDS** FCC Class B
- CE Marking (applicable EMC, R&TTE, and LVD directives)
- Industry Canada
- EN60950 Safety
- STANDARD ACCESSORIES • 10600 mAh battery
- AC wall charger with international plug kit
- Micro USB client sync cable
- Quick Start Guide
- Adjustable hand strap
- Screwdriver
- Stylus with tether
- 2-year warranty