The DT395GS Rugged GNSS Tablet features seamless integration of a 8.9" outdoor-viewable capacitive touchscreen, an energy efficient Intel® Atom™ quad core processor, and the high-precision positioning module within a compact, lightweight yet durable package.

With its high-accuracy GNSS module as well as Windows® or Android operating system, this tablet is compatible with existing GIS software for surveying and mapping applications and brings together the advanced workflow for GIS data capture, accurate positioning, and data transmitting. Rated IP65, MILSTD-810G and wide temperature range, the DT395GS Rugged GNSS Tablet provides reliable operations in harsh, mission-critical environments.

**Features**

- 8.9" Full-HD screen with capacitive touch
- Support for Microsoft® Windows® 10 IoT Enterprise or Android 5.1 operating system
- Intel® Atom™ quad core processor; high performance with low power consumption
- Built-in u-blox M8 GNSS module with industry leading -167 dBm navigation sensitivity
- Rated IP65 for water and dust resistance
- Rated MIL-STD-810G for shock and vibration protection
- Optional 5 megapixel back camera
- Optional EIA/RS-232/422/485 and Ethernet ports module
- Optional NFC/RFID reader
- Optional Class 1 Bluetooth (1000 ft.)

**Applications**

- Agriculture
- Mapping and GIS
- Surveying and Mining
- Natural Resources
- Utilities and Government
- Engineering and Construction
- Transportation
- Logistics
- Water Management
### Specifications

#### System

**CPU**
- Intel® Atom™ Quad Core, 1.44GHz (up to 1.84GHz)

**RAM**
- 4GB

**Storage**
- 64GB to 128GB

**Operating System**
- Microsoft® Windows® 10 IoT Enterprise or Android 5.1

**Display**
- 8.9” LED-backlight screen with capacitive touch; anti-reflection outdoor viewable

**Display Resolution**
- 1920 x 1200

**Control Switch and Buttons**
- 1 power button, 1 trigger button, 1 brightness control button and 1 up/down button for the volume

**Indicator**
- 1 display mode LED and 1 battery status LED

**Speaker**
- 1 built-in speaker

**Microphone**
- Built-in microphone

**SD Card Slot**
- 1 microSD card slot

#### Network Interface

**WLAN**
- Wi-Fi 802.11ac

**Bluetooth**
- Bluetooth 4.0 LE

#### I/O Ports

**USB Port**
- USB 2.0 X 1

**Headset Jack**
- 1

**DC-in**
- 1

#### Mechanical and Environmental

**AC/DC Adapter**
- Input: 100 – 240V AC; Output: 19V DC, 3.42A

**Battery Pack**
- Internal 3.6V, 8800mAh

**Enclosure**
- ABS + PC plastics

**Bumpers**
- Rubber bumpers on each corner for handling protection

**Dimensions (H x W x D)**
- 7.7 x 10 x 1.3 in / 196 x 256 x 33.5 mm

**Weight**
- 2.87 lbs / 1.3 kg

**Water and Dust Resistance**
- IP65

**Shock and Vibration Protection**
- MIL-STD-810G

**Regulatory**
- FCC Class B, CE, RoHS compliant

**Temperature**
- Operation: 14°F to 122°F (-10°C to 50°C)
- Storage: -4°F to 140°F (-20°C to 60°C)

**Humidity**
- 0% – 90% non-condensing

* Specifications subject to change without notice.

### GNSS Module

**U-Blox M8 GNSS Module**

<table>
<thead>
<tr>
<th>Receiver Type</th>
<th>GPS &amp; GLONASS</th>
<th>GPS &amp; BeiDou</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>72-channel u-blox M8 engine</td>
<td></td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>GPS L1C/A, SBAS L1C/A, QZSS L1C/A, GLONASS, L1OF, BeiDou B1</td>
<td></td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>Autonomous: 2.5m</td>
<td></td>
</tr>
<tr>
<td><strong>Acquisition</strong></td>
<td>Cold starts: 26 s, Hot starts: 1 s, Aided starts: 2 s</td>
<td></td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>Tracking &amp; Navigation: -167dBm</td>
<td></td>
</tr>
</tbody>
</table>

### Major Options

#### Camera
5 megapixel back camera with auto focus, white balance, air control and exposure control

#### NFC/RFID Reader
HF/RFID 13.56MHz reader (ISO 15693 and 14443 A/B compliant)

#### I/O Port Module
- *EIA/RS-232/422/485 and Ethernet ports
- *6-pin lockable connector included

#### Long Range Bluetooth
Class 1 Bluetooth (1000 ft.)

### Accessories
The DT395GS has a suite of customized accessories to meet numerous deployment needs.

- Desktop Charging Cradle
- Wall/ Vehicle Mount Cradle
- Pole Mount Cradle
- External Battery Power Pack, 3900mAh
- 6-pin Connector for EIA/RS-232/422/485
- Built-in Stand