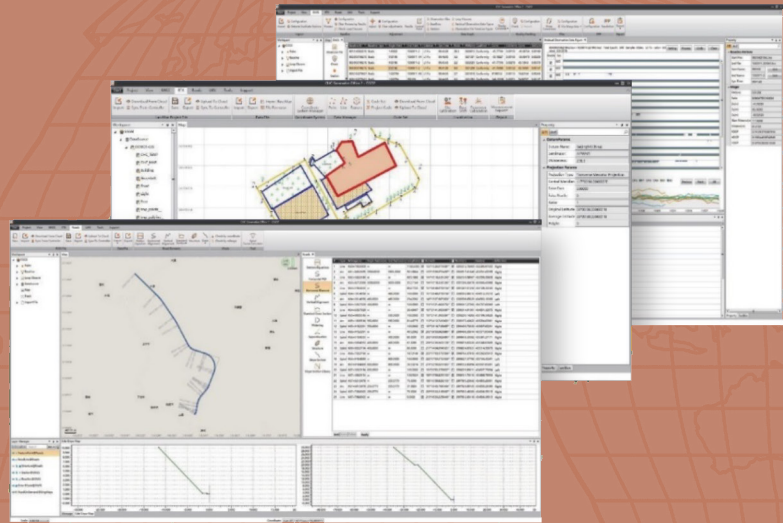


# ComNav<sup>®</sup>



## Precision Geomatics HandHeld Datalogger App Mobile or PC Based

## G9H Complete Survey Solution GNSS RTK

### Hand-Held Data Collector

- Mobile software position analysis for bathymetric, hydrographics, oceanographics, cable / pipe laying, offshore energy, and other marine applications.
- Large 5.5" AMOLED Display
- Double sealed to IP67 rating, Rugged field device
- Shock and vibration resistant to MIL-STD-883C
- 8MPixel Camera with Autofocus
- Internal GPS, MEMS sensor, LED Flashlight
- Cellular, Wi-Fi and Bluetooth connectivity
- 8000 mAh Li-Ion battery with Quick Charge 3.0
- 2-year warranty
- Worldwide service

### ComNav Geomatic Office Software 2.0

- Secure all-in-one software to process GNSS data in static, PPK and PPP algorithms
- Supports GPS, GLONASS, Beidou, and Galileo
- Multiple file formats – RINEX, .HCN, .NOV, .BD9
- Easy to use data processing for geodetic, surveying, UAV, Ground control points (GCPs) and road construction
- PPK post-processing results to correct RTK data
- O/S Microsoft Windows<sup>®</sup> 7 and higher



Wind Farm Support



Cable Laying



### GNSS CAPABILITIES

Multi-frequency GNSS all in view simultaneously tracked satellites

<b>GPS:</b>	L1C/A, L2C, L2E, L5
<b>GLONASS:</b>	L1C/A, L1P, L2C/A, L2P, L3
<b>Galileo:</b>	E1 E5A, E5B
<b>BDS:</b>	B1, B2
<b>SBAS:</b>	MSAS, WAAS, EGNOS, GAGAN

### G9H HANDHELD DATA COLLECTOR

<b>Display:</b>	5.5" AMOLED capacitive multi-touchscreen
<b>Camera:</b>	8 Megapixel w auto-focus and flashlight
<b>Operating System:</b>	Android 7.1
<b>CPU:</b>	Qualcomm MSM8940
	Octa Core 1.4 GHz
<b>RAM:</b>	2 GB
<b>Flash Memory:</b>	16 GB
<b>Network Modem:</b>	
<b>LTE Band:</b>	1-2-3-4-5-7-8-17-20-28
<b>WCDMA:</b>	B1 / B2 / B5 / B8
<b>CDMA:</b>	CDMA / CDMA-EVDO: B0
<b>GSM:</b>	850 / 900 / 1800 / 1900
<b>WiFi:</b>	802. b/g/n, access point mode
<b>Bluetooth:</b>	V4.1
<b>USB:</b>	Type C, OTG supported

### MECHANICAL

<b>Dimensions (L x W x H):</b>	22.1 cm x 8.7 cm x 1.9 cm
<b>Weight:</b>	372 g (13.1 oz) with battery

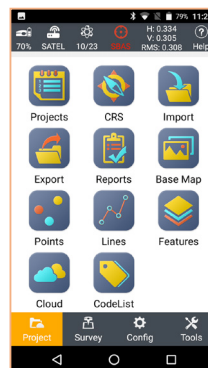
### ENVIRONMENTAL

<b>Operating Temp:</b>	-30°C to 60°C (-22°F to 140°F)
<b>Storage Temp:</b>	-30°C to 70°C (-22°F to 158°F)
<b>Humidity:</b>	Up to 100%
<b>Waterproof / Dustproof:</b>	IP67
<b>Shock Resistance:</b>	1.2 m (3.9 ft) fall onto concrete
<b>Vibration:</b>	Mil-STD-810G

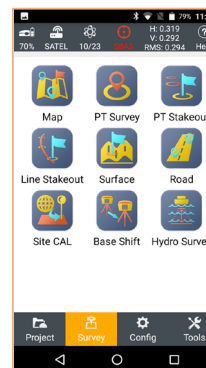
### ELECTRICAL

<b>Operating Time:</b>	16 hours
<b>Charging Time:</b>	4 hours (typical)
<b>Battery Capacity:</b>	8000 mAh

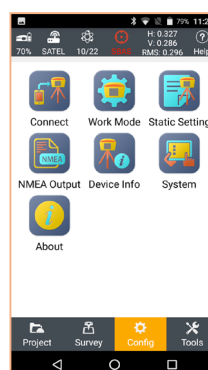
### G9H HANDHELD SCREENSHOTS



PROJECT Screen



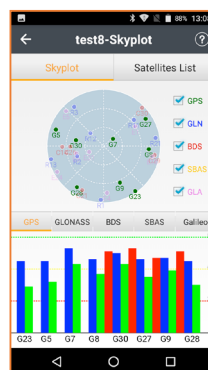
SURVEY Screen



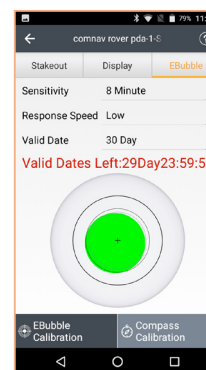
CONFIG Screen



TOOLS Screen



Multi-Constellation



Tilt Sensor e-Bubble Calibration

# ComNav®



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