GINTEC
TAKE POSITION ASSURED

New Controller RTK GNSS

P40 Pro

A receiver suitable for GIS and survey scenarios

- ● P40 Pro New Upstart in the Field
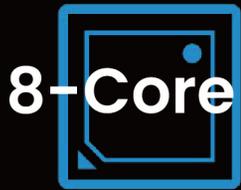- ● Precision Paves the Way to the Future

In the GIS domain, this device is a paragon of precision. Powered by an industrial - grade chip, it efficiently processes complex geographical data, ensuring seamless GIS operations. Its high - precision centimeter - level positioning, accurate to ±2 cm, excels in field surveys and data collection, providing error - free raw data for GIS mapping and analysis, meeting the industry's strict accuracy standards. The device features an ultra - thin, portable body with a professional physical surveying keyboard, enhancing one - hand operation efficiency in the wild. The 5.5 - inch, 500nit sunlight - readable screen offers clear visibility in harsh weather. With an IP68 rating and military - grade shock resistance, it withstands tough conditions. Equipped with 4G global connectivity, it enables high - speed data transfer. A large - capacity battery supports long - term outdoor use, and a 2 - watt, 120dB speaker ensures clear communication in noisy environments, comprehensively safeguarding GIS operations.

GINTEC | 广州吉航兴信息科技有限公司
GUANGZHOU GEOSURV INFORMATION TECHNOLOGY CO., LTD

Industry-Leading Specifications
for Superior Performance

8-Core
2.0 GHz
Brand-New Industrial Processor

Android14 GMS

AR Core

64GB（ROM）**+4GB**（RAM）
DDR4 High-Speed Memory

The 4 - pin RS232 on the back provides support, facilitating users to expand industry applications.

It is equipped with a triple - frequency GNSS board with 1408 channels, supporting multiple satellite constellations such as GPS, GLONASS, BEIDOU, GALILEO, QZSS, and IRNSS

PPP：
B2b/Has

unicore
a BDStar company
UM980

ublox
F9p

New Design, Corti Keyboard

120 dB
High-Fidelity Loudspeaker

Convey information clearly

1080P
IPS
sunlight-viewable screen

4G Global Band Support
North America Canada Supported

9000mAh
16 Long-lasting Battery Life (in hours)

Portable individual soldier operation.High-precision location query scenario

Forestry management
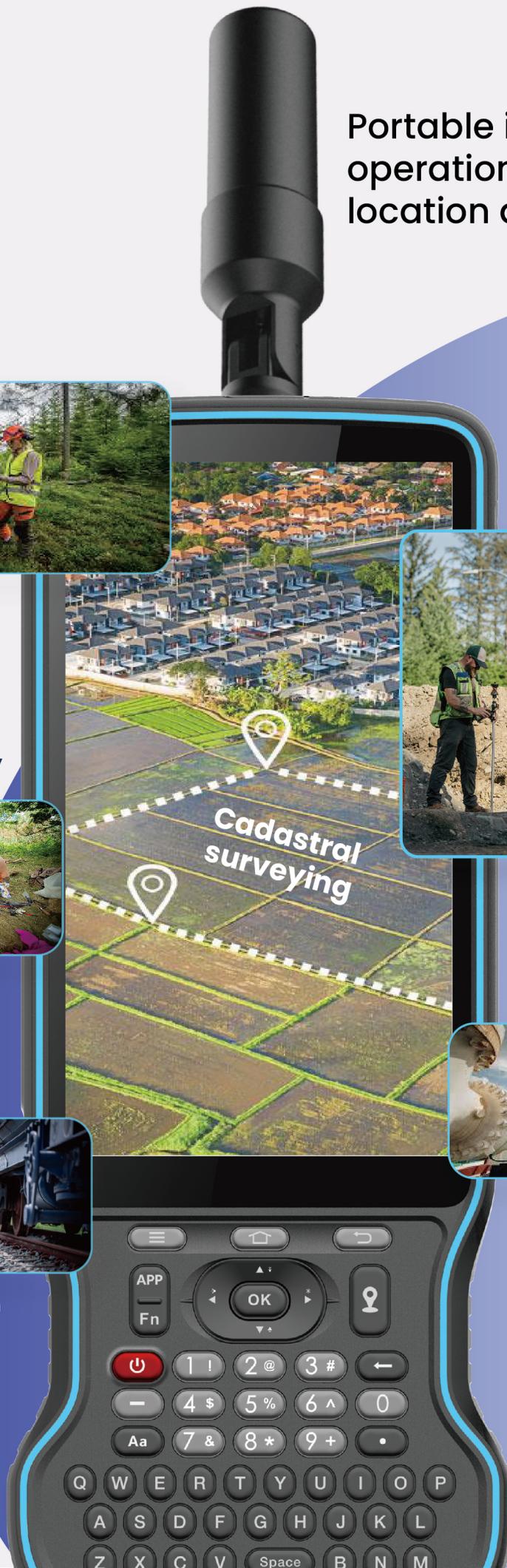
Road construction surveying

Archaeological survey

Cadastral surveying

Pipeline inspection

Railway construction and maintenance

Specifications

System

Operating system	Android 14 gms
CPU	octa-core 2.0 GHz
RAM	4 GB SDRAM
Flash memory	64 GB
Memory card	MicroSDHC up to 256 GB

Physical

Size (L × W × H)	226.3*90.6*16.9(mm)
Weight	412g(with battery)
Environment	Operating: -20°C to +65°C (-4°F to +149°F) Storage: -30°C to +70°C (-22°F to + 158°F)
Dust and water proof	IP68
Humidity	5% ~ 95% (non-condensing)
Shock and vibration	1.5m Drop Resistance (4 Corners, Six Sides) Marble
Display	5.5" IPS LTPS LCD capacitive multi-touch 1920 × 1080 pixels HD+ 401 ppi Brightness 500 nit
Keypad	Corti key

RTK GNSS

Channel	1408
Constellation	BDS: B1I, B2I, B3I, B1C, B2a, B2b GPS: L1C/A, L1C, L2P (Y), L2C, L5 GLONASS: L1, L2 Galileo: E1, E5a, E5b, E6* QZSS: L1, L2, L5, L6* SBAS*: L1, L5
RTK	2 cm HRMS
SBAS	< 1 m HRMS
PPP：B2b/E6 HAS	Support

Field Software

CreateYours

Sensors and Multimedia

Camera	13 MP Primary Camera, supporting high-speed autofocus and AR measurement
G-sensor	Support
Gyroscope	Support
E-compass	Support
Light sensor	Support
Speaker	120dB High-Fidelity Speaker
Microphone	Support

Communications

SIM Card Type	Nano-SIM card Dual SIM, Single Standby
Network modem	GSM: 850/900/1800/1900 WCDMA: B1/B2/B4/B5/B8 LTE-TDD: B34/B38/39/B40 /B41 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 /B13/B17/B20/B25/B26/B28 /B66
Wi-Fi	802.11 a/b/g/n/ac access point mode (2.4 G / 5G)
Bluetooth$^{®}$	5.0
USB	Type C, OTG supported
NFC	Support

Electrical

Li-ion battery capacity	9000 mAh Working Hours (1) 18-22 Hours* Typical Value
Charging time	3h (90%)

Standard Accessories

A/C charger
USB cable
Stylus
Handstrap

Certifications

CCC SRRC，CE, FCC，UN38.3，MSDS

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