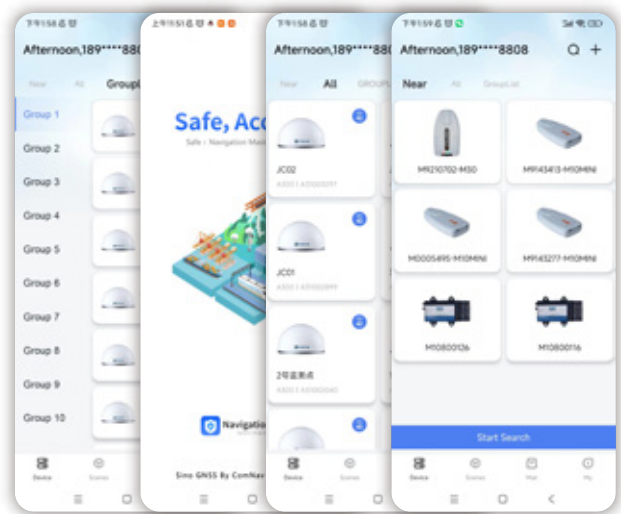


SOFTWARE

Navigate Master

- Android-based application supports quick configuration and status viewing.
- With measurement and stakeout function, it can measure AB line and areas.
- Support map view and real-time display.
- Support remote configuration anytime anywhere.
- Support alarm setting.



NaviCloud

- Real time location display
- History trajetory query
- Remote control
- Electric fence
- Support customization based on customer's needs



SPECIFICATION

SIGNAL TRACKING

Channels	965
GPS	L1 C/A, L1C, L2C, L2P, L5
BeiDou	B1I, B2I, B3I, B1C, B2a, B2b
GLONASS	G1, G2, G3
GALILEO	E1, E5a, E5b, E6c, E5 AltBOC
QZSS	L1C/A, L2C, L5, L1C
IRNSS	L5
SBAS	WAAS, EGNOS, MSAS, GAGAN,SDCM,BDSBAS

POSITIONING SPECIFICATIONS

Post Processing	2.5 mm + 1 ppm Horizontal 5 mm + 1 ppm Vertical
Single Baseline RTK	8 mm + 1 ppm Horizontal 15 mm + 1 ppm Vertical
DGPS	<0.4 m RMS
SBAS	1 m 3D RMS
Standalone	1.5m 3D RMS

ELECTRICAL

Power supply	5V 2.5A DC with TYPE-C
Power consumption	<2W
Battery Capacity	5000mA, up to 10 hours

PHYSICAL

Size	77.9mm×139mm×15.6mm
Weight	About 185g
Antenna	In-built Antenna
Indicator LED	1*Power light, 1*Satellite light, 1*Differential light
Button	1*Power button, 1*SOS button

PERFORMANCE SPECIFICATIONS

Cold start	<50 s
Hot start	<10 s
RTK Initialization time	<5 s
Signal reacquisition	<1 s
Initialization reliability	>99.9%
Time accuracy	20 ns

DATA FORMAT

Correction data I/O	RTCM 2X, 3.X, CMR (GPS only), CMR+ (GPS only)
Position data output	- ASCII: NMEA-0183 GSV, RMC, HDT, GGA, GSA, ZDA, VTG, GST; PTNL, PJK: PTNL, AVR; PTNL, GKG - ComNav Binary update to 20 Hz

COMMUNICATIONS

Bluetooth® 4.0	Compatible with Android™ and Windows™ Mobile OS
4G module	Support Ntrip and Tcp protocol

ENVIRONMENTAL

Working temperature	-20 ℃ to +60 ℃
Storage temperature	-30 ℃ to +70 ℃
Humidity	100% no condensation
Waterproof and dustproof	IP65
Shock	Designed to survive a 1m drop onto concrete

Specifications subject to change without notice.

SinoGNSS[®]
By ComNav Technology Ltd.

M30

Portable GNSS Receiver

YOUR SECURITY EXPERT
IN THE FIELD OF HIGH-PRECISION POSITIONING

SOS

One-Click Alarm

Personnel Positioning

Personnel Positioning

Intelligent Management

Intelligent Management

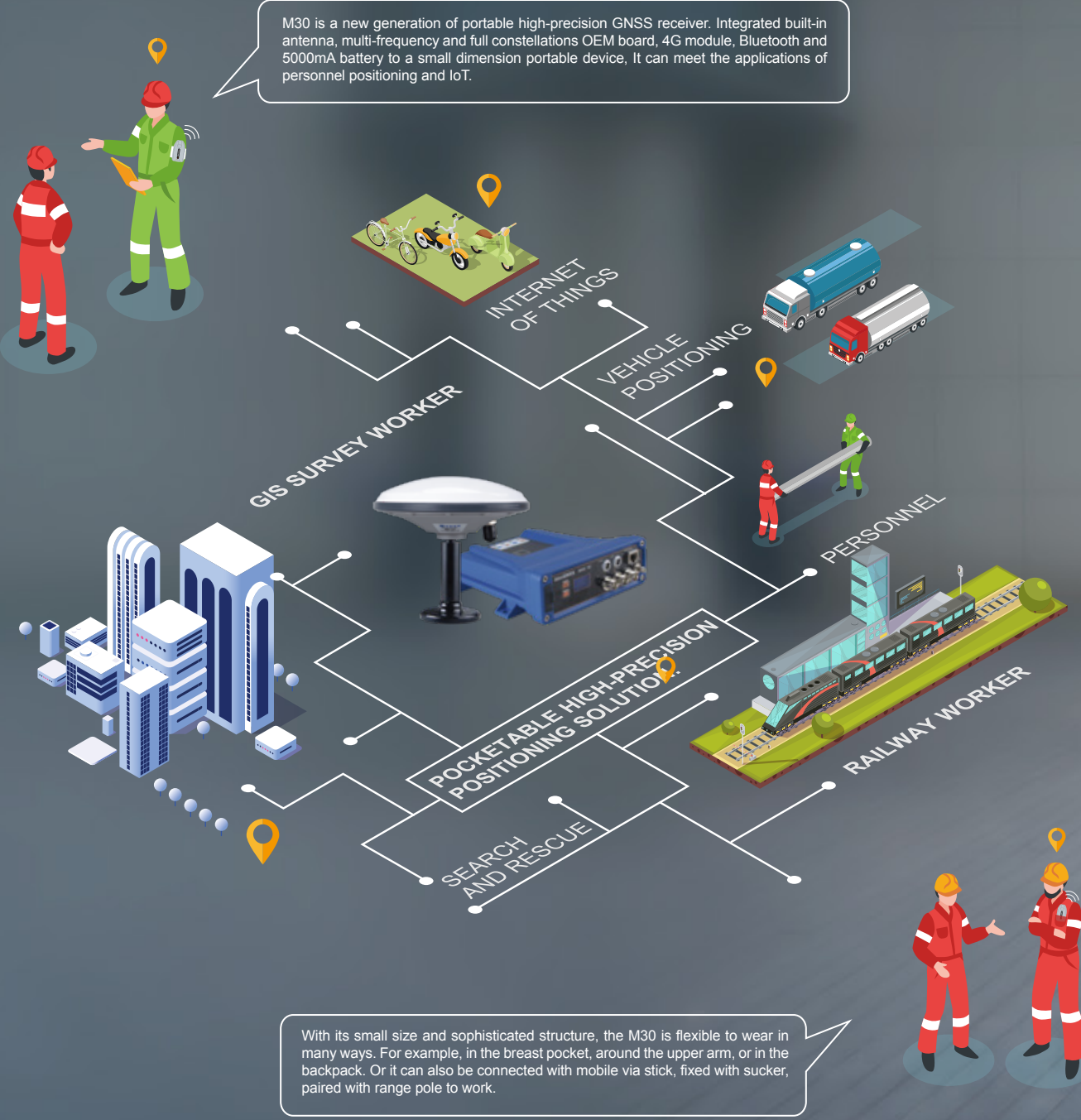
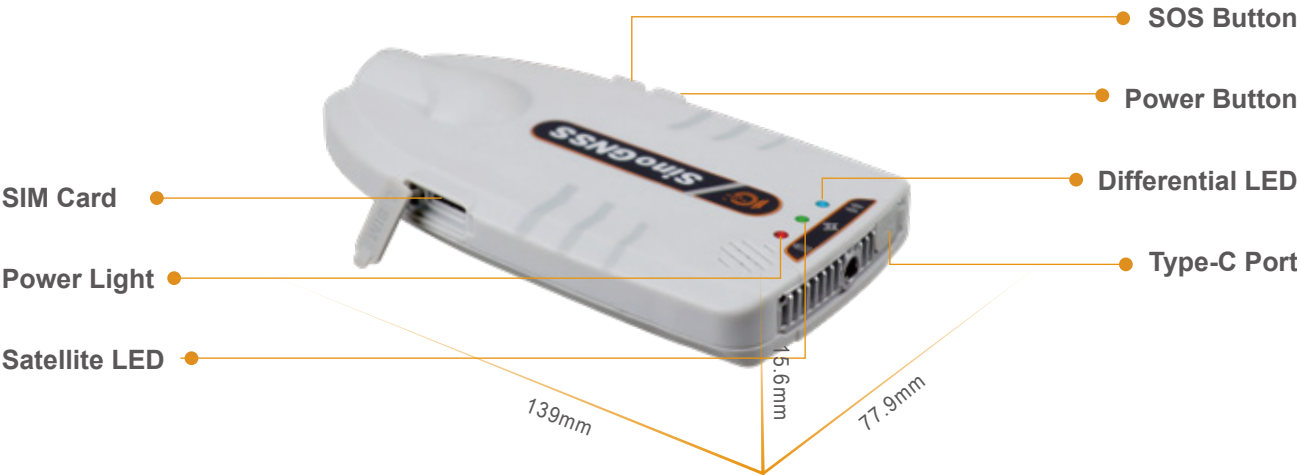
Electric Fence

Electric Fence



M30 GNSS RECEIVER

M30 is the latest generation of portable high-precision GNSS receiver. With a built-in antenna, multi-frequency and full-constellation K803 low-power positioning module, M30 can quickly achieve centimeter-level positioning. Also combined 4G module, Bluetooth and 5000mA battery into a small portable device, M30 is easy to carry and install.



FEATURES



FULL-CONSTELLATION MULTI-FREQUENCY

With a built-in antenna and SinoGNSS K8 platform, M30 can track full-constellation and multi-frequency, obtain centimeter level positioning.



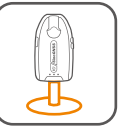
SUPPORT SECONDARY DEVELOPMENT

M30 can be easily used for a wide range of positioning applications by uploading the position data. It supports secondary development and has strong compatibility.



RUGGED HOUSING

IP65 waterproof and dustproof enables field work even in harsh environments. It is also designed to survive a 1m drop onto concrete.



SLIM & COMPACT DESIGN

M30 is thinner than the diameter of 1c euro coin. With more installation holes on jacket, it can be fixed in more ways, providing users with a more comfortable experience during using.



REAL TIME TRACKING

Combined with NaviCloud, functions such as historical track query, electric fence, equipment management and rescue management could be achieved. It supports one-click alarm and remote location monitoring escort your personal safety.



LONG BATTERY LIFE

M30 is integrated with 5000mA battery, provides up to 10 hours operation in the field. Additionally, it can be charged with power bank



One-Click Alarm



Personnel Positioning



Intelligent Management



Security



Electric Fence



Waterproof & Dustproof



Remote Configuration



APP fast access