R60 Data Collector

R Series Data Collector | Ver.2024.7.26

219.6 mm



91.2 mm

Size: 219.6 mm x 91.2 mm x 21.2 mm
Weight: ≤412g

Features

- Android 12.0 Operating System
- 5.5” Touch Display with 1920*1080 Resolution
- Qualcomm 8-Core Processor
- 4+64 GB Memory
- 9000mAh Li-Polymer Battery, QC Super-Fast Charging
- White Backlight Keyboard with Full QWERTY
- Support 4G, Ultra-Distance Bluetooth®, Wi-Fi, NFC
- IP67 Waterproof and Dustproof

R60
Data Collector

HIGHER PERFORMANCE

Based on the Android 12.0 operating system, R60 is a professional GNSS data controller with smartphone capabilities. Powered by Qualcomm 8-core processor, it offers cutting-edge performance. 4+64GB memory allows ample data storage and enables the opening of CAD drawings in seconds.

BRILLIANT USER EXPERIENCE

The 5.5’’ display with 1080P resolution and 500 nits brightness is more clearly readable in the sunlight, and it’s capable of gloves and hard-tip stylus touch. White Backlight keyboard with full QWERTY incorporates an ergonomic design that successfully delivers user convenience.

INDUSTRY-LEADING DURABILITY

R60’s waterproof and dustproof property is certificated by IP67. Featuring a robust design that survives from a 1.6m drop onto the concrete, it stays productive in extreme conditions. The 9000mAh Li-battery allows you to work 30h+ continuously, and the QC 3.0 supports you to get it fully charged in 4 hours.

EXCEPTIONAL CONNECTIVITY

R60 is designed to be compatible with multiple cellular modules. Combined with integrated WIFI, NFC and ultra-distance Bluetooth®, you can easily connect or control ComNav Technology GNSS receivers, enhancing efficiency and productivity in the field. The 13 megapixels camera with autofocus helps you with the documentation by taking photos on site, and to share with your colleagues.

SinoGNSS®
By ComNav Technology Ltd.

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Overview

Android 12.0 operating system
Google GMS certification

Field software solution

Survey Master software
Mock location shared to 3rd party GIS software
FieldGenius (optional)

Physical Specification

Size	219.6 mm × 91.2 mm × 21.2 mm
Weight	412 g with battery

Environmental Specification

Working temperature	-20 °C to + 65 °C
Storage temperature	-40 °C to + 70 °C
Shock	survive a 1.6 m drop onto concrete
Waterproof and dustproof	IP67 Standard

Electrical Specification

Processor	Qualcomm 8-core processor
Keypad	White backlight, full QWERTY with 10-key number pad, directional buttons, and 4 programmable buttons
Li-battery capacity	9000 mAh, working 30+ hours
Charging	QC-3.0 super Fast charging, no more than 4 hours
Camera	13 megapixel camera with autofocus
ROM	64 GB
RAM	4 GB
Expansion	SD Card slot, up to 128 GB
LED	High light Flash LED
Display	5.5'' capacitive touch screen 500 nits brightness 1920 * 1080 resolution

Communications

WiFi	Dual Band 2.4 &5GHz, support WiFi 6
Bluetooth	Dual mode BT5.0
Type C	USB 3.0, OTG, Uart TTL, digital headphones
NFC	Yes
4G	GSM: 850/900/1800/1900 WCDMA: B1/B2/B4/B5/B8 LTE-TDD: B38/B39/B40/B41 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12

Sensors

Acceleration sensor
Gyroscope sensor
Light-Sensor
NFC
Electronic Compass, Qualcomm GPS/A-GPS, GLONASS, BDS, Galileo

Standard Accessories(included)

QC fast charger	× 1
USB cable	× 1
Hand strap	× 1
Battery	× 1
Quick start guide sheet	x 1

Optional Accessories

Controller holder
RTK bag
screen protector
screwdriver
All standard accessories are also available to order seperately.

IP67

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