



Size: 200mm x 96mm x 32mm

Weight: 515g with battery

Features

Windows Mobile 6.1/6.5Pro OS

MIL-STD 810G and IP65 certified

Pressure sensitive touchscreen

3.7" sunlight readable display

5 MP digital camera

Compact design with long battery life

27-key numeric & programmable keypad

3G, Long range Bluetooth® and Wi-Fi
Wireless connectivity

R200 Data Collector

DELIVER MORE WITH LESS

R200 is an industrial handheld, integrated GNSS controller, providing meter-level positioning. With DB9 series port, Wi-Fi and 3G, the R200 is ready for your high-accuracy GIS applications.

RUGGED DESIGN

Fully-rugged design protects the R200 from dust and water, which is able to operate in environment from -20 °C to 60 °C. It features a 3.7" sunlight readable display and sensitive touchscreen, combined with numeric and programmable keypad, the R200 meets your toughest surveying demands.

DESIGNED FOR FLEXIBILITY

Powered by Windows Mobile® 6.1 or 6.5 Pro OS, the R200 is compatible with most Windows-based field software, convenient to select optimal field software for your application needs. With the 5 megapixel camera, the R200 is perfect for GIS mapping.

HIGH-SPEED INTERNET CONNECTIVITY

Wi-Fi and Built-in 3G cellular modem make it possible to connect to the Internet wherever and whenever you want. It allows you to access real-time maps, web based services and update survey data in real time.

R200 Data Collector

R Series Data Collector

Ver.2020.11.30

Overview

Windows Mobile 6.1/6.5 operating system*
3.7" VGA sunlight readable screen
Display resolution: 480 x 640
806 MHz processor with Graphics Accelerator
5 megapixel camera
27-key numeric & programmable keypad

Signal Tracking and Positioning

Channels	167
GPS	L1
GLONASS	L1
SBAS	Support
External antenna connector	
Hot start	1s
Cold start	29s
Positioning Accuracy	Standalone: 3m SBAS: 2.5m

Communications

WIFI	802.11b/g/n
GSM/GPRS/EDGE	850/900/1800/1900Mhz
WCDMA	850/900/1900/2100Mhz
V2.1 Class 2 Bluetooth® & optional long range Bluetooth®	
NFC support (optional)	
USB Port	
RS232 Serial Port	
Built-in microphone and speaker	
NMEA 0183 protocol support	

Physical

Working temperature	-20 °C to +60 °C
Storage temperature	-30 °C to +70 °C
Dimensions (L x W x H)	200mm x 96mm x 32mm
Weight	515g with battery
IP65 standard dustproof and waterproof	
Shock	Withstand 1.2 meter / 4 feet drop
Vibration	MIL-STD810G

Electrical

Li-battery Capacity	6500mAh, 3.7V
Power input	DC 5V, 1A
ROM	1GB
RAM	256MB
Extensible TF card, up to 32GB	

Included Accessories

AC adapter	1
USB cable	1
Hand strap	1
Battery	1
Stylus pen and tether	1