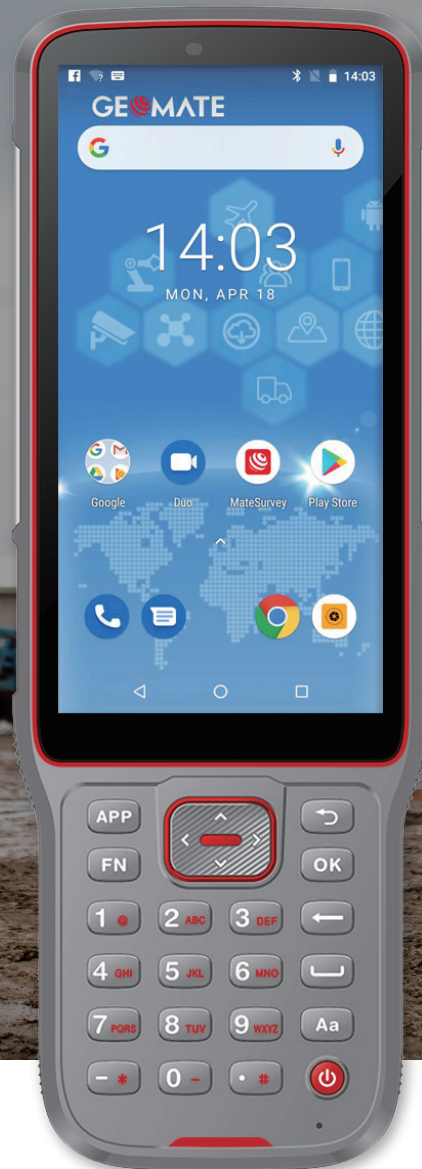


GEOMATE

Premium Surveying. Trusted Solutions



GEOMATE FC2

RUGGED 5.5" ANDROID FIELD DATA CONTROLLER



GEOMATE FC2

The GeoMate FC2 is a robust and reliable Android 10 field data controller, designed to seamlessly integrate with GNSS receivers. Its 5.5-inch HD+ display ensures clear visibility, even in bright sunlight, while the pre-installed MateSurvey professional field surveying App simplifies surveying and mapping tasks. With built-in Wi-Fi, Bluetooth 5.0, NFC, and 4G connectivity, the FC2 enables fast and efficient data communication in the field. Powered by an octa-core processor, 4 GB RAM and 64 GB ROM, it handles large data effortlessly, ensuring smooth performance. The long-lasting battery keeps you operational throughout the day, making it the perfect companion for demanding fieldwork.

TECHNICAL SPECIFICATIONS

System	
OS	Android 10
CPU	MT6765, octa-core (4 cores @ 2.3 GHz + 4 cores @ 1.8 GHz)
RAM	4 G
ROM	64 GB
External storage	Micro SD, hot-swappable, up to 128GB
Hardware	
Size (L x W x H)	225mm x 80mm x 17.0mm (8.86 in x3.15 in x0.67 in)
Weight	400 g (0.88 lb)
Environment	Operating: -30°C to +60°C (-22°F to +140°F) Storage: -40°C to +70°C (-40°F to +185°F)
Ingress protection	IP67 waterproof and dustproof, protected from temporary immersion to depth of 1 m
Shock	Survive a 1.5-meter pole drop
Display	5.5" HD+,
Display brightness	Typical: 600 cd/m², Min: 550 cd/m²(with cover lens)
Display resolution	1440 x 720 pixels
Display touch	Support stylus, gloves and wet hand operation
Keypad	Alphanumeric keyboard
Camera	8 MP rear camera with auto-focus flashlight
Speaker	High volume external speaker
Sensors	G-sensor, proximity sensor, light sensor, e-compass, gyroscope

Communication	
SIM Card Type	Nano-SIM card
Network modem	Integrated 4G modem: LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28AB LTE TDD: B34/B38/B39/B40/B41 3G: WCDMA: B1/B2/B4/B5/B8 CDMA EVDO: BC0 2G: GSM: 850/900/1800/1900 EDGE Type: DL/UL
Wi-Fi	IEEE 802.11 a/b/g/n/ac/r, 2.4G/5G dual-frequency
Bluetooth®	BT5.0 + BLE
USB	1 x USB Type-C port (external power, data download)
NFC	Protocol standard ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Electrical	
Li-ion battery capacity	Built-in battery 8000 mAh, 3.8V
Operating time on internal battery ⁽¹⁾	14 h
Charging	Default 5V/2A, support quick charge
Certifications	
CE Mark; FCC Part 15 Subpart B Class B; ROHS; TAC Code	

