

MODEL FPC-3



Model FPC-3 Field PC running GEOKON Applications GK-604D Reader (left) and Agent Mobile (right).

APPLICATIONS

The Model FPC-3 Field PC is a rugged, handheld, easy-to-use instrument used for reading:

- Model GK-604D Digital Inclinometer Systems
- Model 8800 and 8900 Series GeoNet Dataloggers

OPERATING PRINCIPAL

The Model FPC-3 Field PC is used for reading Digital Inclinometer Probes as part of the GK-604D System. It can also be used to program and retrieve data from the Model 8800 and 8900 Series Dataloggers using Agent Mobile software — a particularly useful option in harsh environments that are too extreme for a typical laptop PC.

The FPC-3 features a 6-inch 1080 × 1920 pixels touch screen display. It offers a 2.2 GHz Qualcomm® Snapdragon™ 626 MSM8953 Pro, 8-core processor, with 4 GB of onboard RAM, 32 GB of Flash storage and an 8000 mAh Li-ion battery that will operate many hours on a single

charge. It also includes an integrated u-blox® GPS, Bluetooth® version 4.1 and 802.11a/b/g/n/ac WLAN functionality, and built-in 13 megapixel rear and 5 megapixel front cameras with autofocus and LED flash.

The FPC-3 has an IP67 rating, is impervious to both dust and water and is resistant to shocks, vibration and operating temperatures from -20 °C to +55 °C. It weighs just 380 grams (13.4 oz) and is compact enough to operate in one hand.

The FPC-3 is supplied complete with a USB sync cable, Lithium-Ion battery, AC wall charger (with international plug kit), screen protector, and Quick Start Guide.

TECHNICAL SPECIFICATIONS (FPC-3 FIELD PC)

Operating Temperature	-20°C to 55°C
Storage Temperature	-40°C to 70°C
Processor	Qualcomm® Snapdragon™ 626 MSM8953 Pro, 8 Cores 2.2 GHz
Memory	4 GB
Data Storage	64 GB
Operating System	Android 11 (GMS)
Display	1080 x 1920 pixel sunlight readable 6" capacitive multi-tough (10 points), with glove/rain mode and Corning® Gorilla® Glass
Battery	3.8V 8000 mAh (30.4 Wh), field replaceable
Communication	Cellular (WWAN): 2G, 3G, 4G/LTE WLAN: 2.4GHz + 5 GHz, 802.11a/b/g/n/ac PAN: BT V4.2LE NFC: 13.56 MHz, ISO 14442A/B, ISO 15693 Audio: Headphone support via Type-C, Front-facing speaker, Microphone
Positioning	GPS/AGPS/GLONASS/Galileo/BeiDou
Sensors	Gyroscope Compass Accelerometer Pressure Proximity Ambient Light
Ports	Type-C OTG Qualcomm® quick charge 3.0 GNSS antenna connector Back connector for expandability 1x micro SDXC (2.56 GB) 2x nano SIM
Camera	Rear: 13 megapixel with auto-focus and flash Front: 5 megapixel
Weight	380 g (13.4 oz)
L × W × H	194 × 92 × 15 mm (7.6 × 3.6 × 0.6 in.)

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