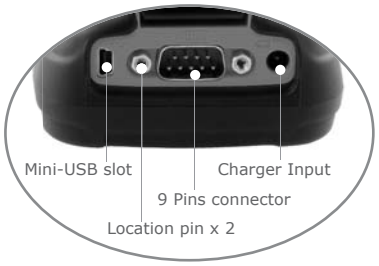

Windows Mobile 6.5

IP67. MIL-STD-810G

Data collection

Connectivity

Up to 12h work time

GNSS

Robust design

FIDS Itro

Fully rugged, feature rich, versatile and ergonomic PDA!

FIDS Itro will get the job done. This hand friendly PDA is equipped with multiple ports, 5MP camera, Geo-Tagged data by internal GNSS receiver U blox (GPS + GLONASS).

The unit is rated with IP67, and MIL-810 certified. Crystal clear Outdoor & Sunlight readable display, customizable keys for quick access - and a convenient practical hotkey allowing one hand data collecting - make this a very useful tool. OTG interface provides flexible and easy connection for data transfer.

Comprehensive connectivity: WiFi or cellular connection, USB, RFID[1] Bluetooth or RS232. The innovative high capacity Li-ion battery is easy removable and chargeable, one battery can work up to 10 hours.

FIDS Itro PDA has a Color light emitting keyboard and glove-proof keypad design, for unimpeded outdoor work. Indicators give the status for Power, Satellites and wireless.

[1] Optional

For more information, please contact mail@forest-it.com

Technical data

REFERENCES
- **Product name:** FIDS Itro

DISPLAY
- **Size:** 3.7" TFT LCD, BLANVIEW
- **Resolution:** VGA (480x640) Outdoor screen

CPU
- **Processor:** AM335X 1GHz
- **Memory:** Removable SD card, up to 32G
- **RAM:** 512MB DDR3
- **ROM:** 8G (32G is optional)

OPERATING SYSTEM
- Windows Mobile 6.5

NETWORK
- WWAN (3G/HSDPA)

INDICATORS
- Power, Satellites, wireless

RFID
- 13.56 MHz (Optional)

KEYPAD
- Power On/Off
- Camera
- Windows
- Functional x 2
- Send
- End
- Fn
- Delete
- Enter

KEYBOARD
- Color light emitting keyboard

GNSS
- **Satellites** GPS + GLONASS
- **Channels** 72 Channels
- **Accuracy** Autonomous 2m DGPS, Sub-meter
- **Update rate** 1Hz / 5Hz
- **Fix to position** 25s
- **Output** NMEA-0183
- **I/O Protocol** RTCM2x. 3.0" 3.1" 3.2" CRM"CMR" and RTCA

RUGGED FEATURES
- IP67
- MIL-STD-810G
- 1.2m drop proof (OCF)

ENVIRONMENTALS
- **Temperature** Operating: -30°C ~ 60°C Storage: -40°C ~ 70°C
- **Humidity** 98% no condensation

COMMUNICATIONS
- WiFi 802.11 b/g
- Bluetooth 2.1 + EDR

CAMERA
- 5 MP

I/O INTERFACE
- Mini USB OTG
- Micro SD slot (up to 32GB)
- RS232
- RFID (optional)

BATTERY
- 7.2 V / 340mAh, Li-ion
- Easy remove /field replaceable
- Up to 10 hours worktime

DIMENSION (L x W x H)
- 19 cm x 8-9 cm x 3-4 cm 6.2" x 3.1-3.5" x 1.2-1.6"

WEIGHT
- 595 g / 1,3 pounds

INBOX ACCESSORIES
- Computer
- Battery
- Stylus with tether
- Power supply
- USB cable

Package

Forest it Design
Forest it Design is a leading provider of rugged mobile computers, all-in-One PC, measurement instruments, and GPS/GNSS solutions. The company has offices in Värnamo, Gothenburg, London, Munich and Frankfurt.

Sweden	***UK***	***Germany***	***Finland***
+46 (0) 370 69 08 10	*+44 (0) 127 328 6561*	*+49 (0) 6081 5769980*	*+ 358 (0) 40 197 0259*
mail@forest-it.se	*mail@forest-it.com*	*mail@forest-it.de*	*mail@forest-it.f*

Subject to printing errors and changes. Forest it Design 2021-03-05.