Ultra-Rugged Field PC² and Accessories

Connections along the bottom are easily accessbile.

The stylus conveniently tethers to the back hand strap for quick access.

Secure hand strap for extreme gripping.

The Ultra-Rugged Field PC² functions as a data collector. It serves as a high-level user interface for on-site data collection/analysis and provides instant USB synchronization with office computers. It also offers on-board wireless communication options which provide ease of use and reliability since there is no longer any concern with fragile connectors, cable related failure and reliability problems. The Ultra-Rugged Field PC² is rock solid and field ready for the most extreme environments.

RST Instruments provides support and interface software to use the Ultra-Rugged Field PC² with the following systems and dataloggers (see separate brochures): Digital MEMS Inclinometer System, Digital MEMS Tiltmeters/In-place Inclinometers, Digital ThermArray Systems, DT2011B, DT2055B, Pivot Laser Extensometer and flexDAQ Dataloggers.

RST Instruments Ltd.
11545 Kingston St.,
Maple Ridge, BC
Canada V2X 0Z5

Telephone: 604 540 1100
Facsimile: 604 540 1005
Toll Free: 1 800 665 5599

info@rstinstruments.com

www.rstinstruments.com

applications

On-site data collection.

Compatible with several RST Instruments systems and dataloggers.

features

Rugged design for use in extreme environments.

Microsoft® Office Mobile 2010 (Word, Excel, PowerPoint, Outlook)

Bluetooth® Wireless Communication.

Wi-Fi® 802.11b/g/n with extended range.

Battery easily changed in the field.

Scratch-resistant screen.

specifications

PROCESSOR, OPERATING SYSTEM AND MEMORY

1.0GHz ARM Cortex A8 i.MX53 processor

Microsoft® Windows Embedded Handheld 6.5.3

Microsoft® Office Mobile 2010 (Word, Excel, PowerPoint, Outlook)

Bluetooth® Wireless Communication.

Wi-Fi® 802.11b/g/n with extended range.

Internal solid state 512 MB Flash memory

8GB flash storage, user-accessible micro SD/SDHC slot.

Both USB Host and Client plus 9-pin RS-232.

Real-time clock keeps correct date & time, even without battery.

DISPLAY

Active viewing area of 109 mm (4.3 in.) diagonal.

VGA LCD TFT (800x480)- portrait or landscape orientation.

High visibility backlit LCD- brilliant contrast in direct sunlight.

Projected capacitive touch interface, "optically bonded" to display for increased visibility.

Scratch-resistant screen.

On-board stylus with tether.

POWER

Intelligent Li-Ion battery
3.7VDC @ 10600mAh, 38.16Whr

20 hour battery life on single charge (2 to 4 hrs. charge time)

Battery easily changed in the field.

ENVIRONMENTAL

Operating temperature: -30 to 60°C (-22 to 140°F)

Bluetooth® rated to -20°C (-4°F).

IP68 waterproof and dustproof.

Shockproof (multiple drops from 1.5 m (5 ft.) on to concrete.

MIL-STD-810G: high/low temp., temp. shock, rain, humidity, sand & dust, immersion, vibration, altitude, shock.

ordering info

ITEM	PART #
Ultra-Rugged Field PC² ALSO INCLUDES: AC charger with int'l plug kit. Rechargeable Li-Ion battery. USB cable. Quick start guide. Ultra-wide hand strap. Stylus with tether. Screwdriver.	IC32000-AR2-RSTS
Wall Charger, 20Watt, with US and International plug Kit	Contact RST for info.
Vehicle Charger Cable	Contact RST for info.
Rechargeable Li-Ion Battery	Contact RST for info.
Hand Strap Replacement Kit	Contact RST for info.
Capacitive Stylus with Tether Kit	Contact RST for info.
Communication Module Replacement Kit	Contact RST for info.
Premium Screen Protectors (quantity 2)	Contact RST for info.
Adjustable Shoulder Strap	Contact RST for info.

GEOTECHNICAL . MINING . ENVIRONMENTAL . STRUCTURAL

MIB0053E

Certified System
ISO 9001