



## Roper Mobile Technology

### DUROS

# DUROS

Rugged Tablet

The RMT DUROS field tablet PC successfully unites power, design and toughness in handheld computing. Weighing in at less than 2kgs, the DUROS is elegant, but ultra rugged. Built watertight, shockproof and dustproof in a full IP-65 sealed, cast aluminium housing, the DUROS can survive repeated drops to concrete and powerful jets of water. Intended for use in remote, outdoor environments, the DUROS' full charge will last approximately five hours and the battery can be swapped out without rebooting. A bright display with resistive touch screen makes it ideal for outdoor field use and eliminates the need for any special stylus or pen.



Ergonomically, the DUROS is evenly balanced and has a multi-directional handgrip/wrist strap, making it easy to use while standing or in motion. With a sunlight viewable touchscreen, embedded Bluetooth, WLAN, 3G/GPRS and GPS it provides the perfect platform to run your Windows XP applications.

The DUROS is the ultimate solution. It's designed to thrive in the most extreme conditions; from knocks and drops to water jets and freezing cold in a compact and lightweight package. It's been designed with the user in mind. The long battery life with hot-swappable batteries ensures continuous operation for indefinite periods, and when it's used with the docking station it's transformed into a vehicle navigation and communication centre.



Designed and tested to meet the most extreme conditions the DUROS is certified to stringent military and commercial standards. It's small and light enough to take anywhere and work all day with, and powerful enough to do all the tasks the Field worker needs. It's a true mobile office that goes anywhere.

Added functionality is available with the vehicle docking station. This provides secure integration that complies with safety regulations and adds more connectivity to allow driver integration and removing the need for in-vehicle computers.

In addition we provide carry cases, desk docks and other accessories to complete the solution you need.

### **Key features of the DUROS**

- Brilliant 8.4 inch, 800 x 600 SVGA resolution poly-silicon touch display
- Meets full IP-65, MILSPEC 810F test standards
- Power-saving Intel Celeron processor with 1GHz
- System memory expandable to 1024 MB
- Fixed and mobile vehicle docking station & mounts
- Windows XP Professional operating system
- Lightweight & compact for ease of portability
- Full range of accessories available



## Specifications

### Processor

800MHz

### Memory

DDR SODIMM 256 MB

DDR SODIMM 512 MB

DDR SODIMM 1024 MB

### Display

8,4" diagonal

SVGA (800x600 Pixels)

Color Active Matrix TFT 256K colours

120 degree viewing angle, 0-100 %

dimnable

320 NIT (sunlight viewable as option)

### Graphics

Intel Extreme Graphics 2 with shared memory

### User Interface

High Resolution resistive touch screen

Virtual on-screen keyboard

On/Off switch and manual dimmer control

Function keys

Built-in stereo speakers

1 microphone

### Sound

AC97 and Soundblaster Pro compatible

### Storage

Hard Drive 40 GB 2.5" ATA/IDE

Automotive

Flash 512 MB to 16 GB, 2.5" ATA/IDE

### Interfaces

1 external USB 2.0

1 internal expansion slot for grip-

integrated modules

DC-input

Docking connector

1 RJ45 Ethernet

### Power Supply

9-21 VDC

Battery 44Wh, 7.3V

5 W standby, 15 W operating and max

40 W

### RF Options

WLAN 802.11 a/b/g

Bluetooth 2.0 + EDR, Class 1

GSM, GPRS, EDGE, UMTS, WCDMA (optional)

Built-in GPS (optional)

### Operating Systems

Windows XP Embedded

Windows XP Pro

Linux / DOS

### Physical Characteristics

Dimensions: 260mm (w) x 198mm (h) x 43mm (d)

Weight: 1,9 kg

Enclosure: Aluminium, powder coated

### Environment

Operating Temperature: -20 C to 50 C

Storage Temperature -30 C to 75 C

Water & Dust proof, IP-65, meets IEC 60526

Humidity: 10 - 95% RH, non-condensing

Vibration: 5 - 500 Hz/4.5 g RMS 3 hours

XYZ (non-rotating disk)

Shock: 30 g for 11 ms (non-rotating disk)

Drop test: 4 feet on concrete, 26 directions (drop)

(Flash disk in operating and rotating drive in non-operating mode)

### Regulatory Approvals

Din 40050 Part 9 IEC 529

Safety: UL: UL94, Class VO

FCC: Part 15, Subpart B, Class B

International Safety: CE

Electrical: ISO7632-1, reverse polarity, dual battery

EMC Susceptibility: ISO7637-2:2004

EN61000-4-2:1995+A1+A2

EMC Emissions: EN55022:

1998+A2:2003, class B

### Accessories

Vehicle Dock, battery chargers, mounting solutions, Mini-keyboards, AC/DC adaptors, Rugged keyboards, Industrial DC/DC, Cables and adaptors



## DUROS Accessories

**Battery Charger**



**Carry Harness**



**Carry Hook**



**Passive Dock**



**Shoulder Bag**



**Car Adapter Cable**



**Vehicle Dock**

