

OrbStar 8400

Xerox's Next Generation Mobile Data Terminal (MDT)

OrbStar combines the rugged features of its predecessor, the SmartMDT II, with many of the new technologies that customers desire in a vehicle MDT. Maintain reliable user interfaces with OrbStar's high-performance features.

OrbStar is an xscale processor controlled device with a Windows CE platform that:

- Serves as a user-friendly graphical interface for the vehicle operator.
- Offers a landscape screen layout with a color screen.
- Supports touch screen capability for free-form text entry
- Features route and schedule adherence, paddle display, and single point logon for fixed route
- Enables Paratransit operators to update pick up or drop off locations and enter data for integrated logon features
- Supports turn-by-turn audible and visual navigational directions for any type of transit service.
- Offers integrated logon to fare systems using magnetic stripe or proximity card technology
- 802.11g capability
- Displays emergency alarm and covert microphone status.
- Features USB and Ethernet ports.



Designed specifically for the public transit industry.

Using an industry standard embedded PC architecture, OrbStar is an "Open Architecture" product that supports Windows CE operating system software. OrbStar is fully compliant with the ITS/FTA SmartBus standards.

Features:

- Supports embedded Windows CE operating system
- Tactile keypads, configurable soft keys, and integrated pointing device for user data entry, optional touchscreen
- 520 MHz low power x-scale microprocessor.
- 640 x 480 VGA 8.4" color LCD with backlighting, 650 NITS brightness
- Automatic light sensor
- Supports 802.11 b/g wireless communications systems
- Expandable memory
- USB 1.1 port
- Integrated covert microphone with optional noise cancellation technology
- Ethernet port
- Improved connector reliability, and tamper resistant case

Specifications:

Display Enclosure:

Height: 8.0 inches (204mm)

Width: 8.7 inches (223mm)

Depth: 3.1 inches (78mm)

Weight: 3.9 lbs 1.8kgs

Environmental:

Operating Temperature: -20 to 65° C

Storage Temperature: -40 to 85° C

Humidity: 98% at 38° C

Housing: Splash proof, UV-resistant, and resistant to corrosive atmosphere (salt, fog)

Shock: 30g duration for 6 milliseconds

Vibration: 2g peak RMS, 5 to 150 Hz

MIL STD810F

Contact us.

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