

Waveon 718

Mobile Data Terminal

Specifications

Processor and Operating System

- Intel® X-Scale™ PXA 255 Processor 400MHz
- Windows® CE.NET version 4.2 BSP

Display

- 4.6" Colour QVGA
- QVGA 240 x 320
- 4-wire Resistive Touch Panel
- White LED Back Light
- Sunlight Readable, Transflective Type

Memory / Storage

- 64MB SDRAM
- 32MB Flash ROM
- MMC Slot: S
- Supports MMC type memory standard

Power

- 9Vdc to 28Vdc, 12Vdc nominal input voltage
- Current consumption Max. 2A
- Input Power Port: 2.5mmØ plug DC input port, in-vehicle and POS operation.
- Lithium-ion Rechargeable Battery: 3.7V, 2000mAH
- Optional: Secondary battery power pack

Audio Interface

- Built in Speaker and Microphone
- Built in Mobile phone ear jack Nokia® Compatible HDC-5 jack

Physical Specification

- Dimension: 197mm x 114mm x 44mm
- Weight: 750g
- Casing: Industrial Plastic
- Flammability: UL 94V-0

Integrated QWERTY thumb Keyboard

- 33 Alpha-Numeric Keys & 5 Menu Buttons

RFID Module Built-In (Optional)

- GTrace (RS232 Interface 5V): CE EN 300-220-1 Certified
- Data Rate: 19.2 kbps (FHSS 16 Channels)
- Frequency Band: 868Mhz ISM Band

Communication & Interfaces

- 1 x 50pin SCSI (Latch Type) RS232 Serial port
 - 4 x Digital Inputs
 - 4 x Digital Outputs
 - 2 x RS232, Full Serial UART
- 1 x USB 2.0 Host
- 1 x GPS Antenna Port (SMB)
- 1 x GSM/GPRS Antenna Port (SMB)
- 1 x SIM Card slot
- 1 x Compact Flash™ Type II slot (1 internal)

GPS Receiver (Built-In the Cradle)

- 16 channels GPS receiver module
- 5m accuracy (CEP)
- Start Time: Hot, 3.5sec / Warm, 33sec / Cold, 45 sec
- Support NMEA-0183 protocol

Wireless Communication Module

- Class 10 Tri-band 900/1800/1900 MHz
- MS Class B
- SMB TriBand Antenna

Software

- Windows® CE.NET version 4.2 OS BSP
- Internet Explorer version 6.0
- GSM Phone Application
- Virtual Keypad
- Software Support Package

Environmental Specification

Temperature

- Operating: -20 °C to 55 °C
- Storage: -30 °C to 70 °C

Humidity

- Relative humidity: 40% / 95% RH

Vibration

- MIL-STD-810F Basic Land Transportation

Regulation

- CE Mark: R&TTE 1999/5/EC
- VCA : 72/245/EC
- FCC : Part 15 Class B
- EMC: ETSI EN 301 489-01; ETSI EN 301 489-07

Applications

- Mobile Track and Trace
- Dispatch
- Navigation
- Supply Chain Management
- Utilities Management

Ordering Information

- W718 R868 (RFID Built-In)
98-718-001-910
- W718 N
98-718-002-910

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