

Brochure for Fleet Managers

Getting Started with iMDT5000

- Product Brief



iMDT5000



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Specification

Processor & Operating System	Interface Port
:: Intel FWPXA270 Processor 520MHz :: Windows CE.NET version 5.0 (Powered by Microsoft)	:: 2 x USB Host + 1 x USB Client :: 2 x 12-Bit ADC channels (12V input) :: Internal SD socket (SDHC support, Covert Available) :: Internal SIM card socket (Covert Available)
Display	I/O Port
:: 7 Inch VGA color TFT LCD integrated touch panel (Provided by LG Phillips LCD) :: Resolution : 800 x 480 :: Size(mm) : 165 x 104.6 x 3.3 :: LED backlight :: LCD specification : operating temperature -20 ~ 70°C, 350cd/m2	:: 6 x Digital I/O Ports (4 x Digital Input + 2 x Digital Output) :: Available Voltage Digital input - isolation 15V ~ 24V (Digital Inputs are protected against 15V-24V) Digital output - isolation 3.3V :: CAN (SJA1000T integrated) (Optioanl) :: Bluetooth (Point to Point) (Optioanl) :: WiFi (USB type module) (Optioanl)
Memory	Button & LED
:: Flash memory : NOR Flash 64M byte(24MB for local applications save) :: RAM : SDRAM 128M byte	:: 12 function keys :: 1 special function key for power button detect :: 5 LED
Power	Environment Conditions
:: Input Voltage : + 12 Vdc nominal up to + 24 Vdc :: Current Consumption : 500mA	:: Operating Temperature : -20 ~ +65°C :: Storage Temperature : -30 ~ +75°C :: Relative Humidity : 5% ~ 90% (non condensing)
RS-232 Serial Communication	Physical Characteristics
:: 7 x RS232 serial port :: Internal : COM1 - GSM, COM2 - Bluetooth, COM3 - GPS, COM4 - Debug :: External : COM5 ~ 7, D-Sub 9 Female type, 3 wire(RX, TX, GND) :: Input voltage range : max 24V	:: Size(mm) : 187 x 155 x 44 :: Weight(kg) : 1.30 :: Ventilation hole(upper/bottom)