RUGGED COMPUTING SOLUTIONS

Meazura™

Model: MEZ1500

- **Waterproof**
- **Long Battery Life**
- **Custom Branding**
- **Choice of OS**
  - Windows CE® by Microsoft®
  - Garnet OS® by ACCESS™
- **Modular Design**
  - Custom module design

ACEECA™

MEZ1500 Handheld Specifications

Description	Specification
Operating System	Garnet OS 5.4 Windows CE 5.0
Microprocessor	400Mhz Samsung S3C2440
Memory	
Volatile	64MB SDRAM (Not all available for user)
Non - Volatile	128MB Flash (Not available for user)
Expansion	MZIO, Secure Digital (SD Standard)
LCD Display	
Type	TFT - High Brightness + touchscreen
Resolution	240 x 320 pixels
Aspect	3:4
Viewable Area	3.5"
Backlighting	LED
Communications	USB, Serial (RS232) and other wireless options
Battery	
Type	Custom rechargeable Lithium-Ion
Voltage	7.4V Nominal
Capacity	1700mAh (12.5Wh)
Protection	Overcharge, discharge and thermal
Charging	Via cradle or communications cable input
Charging Current	1.2A (maximum)
Charging Input Voltage	12V DC nominal - use only charger supplied
Mechanical	
Dimensions (L x W x H)	151mm x 95mm x 42mm (excluding Module)
Weight	378 grams
Current Consumption	
Power On	130mA typical
Sleep Mode	7mA typical
Environmental	
Operating Temperature	-10°C to 60°C
Storage Temperature	-20°C to 65°C
Humidity	5% to 90% relative humidity (non-condensing)
RFI / EMC	BS EN 550 22/BS EN 55024, CISPR22/CISPR24 - RF Emissions and ESD immunity
FC	Part 15, Class B
CE	EU EMC Directive
Sealing	Water and dustproof to IP67 (Ingress Protection)

Revision: 20120126-0800

RUGGED & RELIABLE

The MEZ1500 combines rugged durability and powerful computing power with operating system flexibility. The MEZ1500 is an ideal solution for use within an environment that needs more ruggedness than that found in a normal consumer device. With water and dust proofing up to IP67 standards and concrete drop test sturdiness, the MEZ1500 is the solution for industrial handheld needs.

The versatility of the MEZ1500 is second to none in the market, given its ability to run both Garnet OS 5 (formerly Palm OS 5) and Windows CE 5.0. This flexibility allows the MEZ1500 to be easily customized for literally thousands of applications. The MEZ1500 is also a developers dream, as it comes with the MZIO™ expansion bus, which supports multiple communication protocols with the system microprocessor, facilitating the customization of solutions rapidly.

Aceeca has assisted many developers worldwide by providing the necessary files and information to make development simple and fast to market.

Examples of customized applications that have been developed with the Meazura products are;

- Automotive Diagnostics
- Biological Analysis
- Asset Tracking
- Utilities (Power Meter Reading Automation)
- Data Capture (Barcode Scanning, RFID, Camera)
- Cave Mapping
- Wood Quality/Density (For Forestry Applications)
- And many more.

The Meazura platform is truly a versatile and flexible device that will suits virtually all enterprise and industrial applications that need a handheld computing solution.

MEZ1500 Handheld Kit

MEZ1500 Handheld

Comm's Cable (USB or Serial)

PC Software

AC Adaptor (For various countries)

Optional Extra's

Padded Holster

Meazura Cradle (Desktop/GPRS)

Vehicle Charging Cable

Backstrap

For more information visit
www.aceeca.com or contact...