# Meazura™

# Rugged Digital Assistant

**MODEL: MEZ1000-RDA**

- **Waterproof to IP67 Standards**
- **Long Battery Life**
- **MZIO™ Expansion Slot**
- **Powered by the Palm OS®**
  - *STABLE, RELIABLE*

# BUILT TOUGH

**ACEECA™**

**palm** POWERED

# Model: MEZ1000-RDA

| Specifications | Description | Remarks |
|---|---|---|
| **Operating System** | Palm OS® 4.1.2 | Upgradeable to Palm OS® 4.x. |
| **Microprocessor** | 33MHz Motorola DragonBall-VZ | |
| **Memory** | | |
| Volatile | 16 megabytes SDRAM | Approx 15MB available to user. |
| Non - Volatile | 4 megabytes Flash | Approx 2MB available to user. |
| Expansion | via MZIO™ bus | Supports multiple formats. |
| **Display** | | |
| LCD Type | FSTN (TDF) grayscale | |
| Resolution | 160 x 160 pixels | |
| Viewable Area | 56mm (W) x 56mm (H) | |
| Touch Screen | Analog Resistive | |
| Backlight | Electro luminescent | |
| **Communications** | | |
| USB | 1 megabyte / sec | |
| Serial (RS232) | 1200 to 115200 bits / sec | |
| Infrared (IrDA) | 1200 to 115200 bits / sec at 1meter | |
| **Communications Connector** | 13 pin - custom gold plated pins | Cradle or communications cable. |
| **MZIO™ Expansion Slot** | 68 pin - multi format support | Includes: Parallel Interface, UART x 2, SPI Master / Slave |
| **Battery** | | |
| Type | Lithium Ion, custom battery pack | Rechargeable. |
| Voltage | 3.6V nominal | |
| Capacity | 1900 mAh | |
| Protection | Over charge / discharge and thermal | |
| Charging Current | 1.2A (maximum) | Via cradle or comms cable. |
| Charging Input | 9V DC nominal | Use only charger supplied. |
| **Mechanical** | | |
| Dimensions | 169.5mm (L) x 94mm (W) x 39mm (H) | |
| Weight | 430gm (approx) | |
| **Environmental** | | |
| Operating Temperature | 32°F to 122°F (0°C to 50°C) | |
| Storage Temperature | 14°F to 140°F (-10°C to 60°C) | |
| Humidity | 5% to 90% relative humidity | Non-condensing. |
| RFI / EMC | CSPR22, CSPR24 | RF emissions & ESD immunity. |
| FC | Part 15, Class A | |
| CE | EU EMC Directive | |
| Sealing | IP67 | Submersible to 1 meter (30 min). |
| **Current Consumption** | | |
| Power on | 21mA typical | Meazura only - backlight off. |
| Full System | 60mA typical | Backlight on. |
| Sleep Mode | 1 to 2mA typical | |

Specifications subject to change at any time. Please contact Aceeca for latest revision.　　　　Rev: 111803-1531

## MEZ1000-RDA Kit



## Optional Accessories



- Desktop Cradle
- Holster with belt loop

# http://www.aceeca.com

## Manufactured by:


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