



# 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™**



POWERED

# Model: MEZ1000-RDA

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

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>

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