Meazura™

Rugged Digital Assistant

Model: MEZ1000

- **Waterproof to IP67 Standards**
- **Long Battery Life**
- **MZIO™ Expansion Slot**
- **Powered by the Palm OS®**
  - STABLE & RELIABLE
- **CompactFlash® Expansion**
- **Optional Bluetooth® Wireless Technology**

ACTUAL SIZE

BUILT TOUGH

ACEECA™

palm
POWERED

MEAZURA™ RDA SPECIFICATIONS

Specifications subject to change at any time. Please contact Aceeca for the latest version

MEZ1000 Handheld

Description	Specification
Operating System	Palm OS® 4.1 (Upgradeable to 4.x)
Microprocessor	33MHz Motorola DragonBall-VZ
Memory	
Volatile	16MB SDRAM (15.7MB available to user)
Non-Volatile	4MB Flash
Expansion	CompactFlash (memory storage only)
LCD Display	
Type	FSTN (TDF) 4 bit grayscale
Resolution	160 x 160 pixels
Viewable Area	56 x 56mm (2.2 x 2.2 inches)
Touchscreen	Analog Resistive
Backlight	Electro luminescent
Communications	
Handheld to PC	USB, Serial (RS232), Infrared (IrDA) and Class 1 Bluetooth
Battery	
Type	Custom rechargeable Lithium-Ion
Voltage	3.6V nominal
Capacity	1900mAh
Protection	Over charge, discharge and thermal
Charging	via cradle or communications input
Charging Current	1.2A (maximum)
Charging Input Voltage	9V DC nominal - only use charger supplied
Mechanical	
Dimensions (L x W x H)	170 x 95 x 38mm (6.7 x 3.7 x 1.5 inches)
Weight	approximately 412 grams (14.5 ounces)
Current Consumption	
Power On	21mA typical (additional 40mA with backlight on)
Full System	60mA typical (additional 40mA with backlight on)
Sleep Mode	1 to 2mA typical
Environmental	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-10°C to 60°C (14°F to 140°F)
Humidity	5% to 90% relative humidity (non-condensing)
RFI / EMC	BS EN 55022/BS EN 55024, CISPR22/CISPR24 - RF emissions & ESD immunity Part 15, Class B EU EMC Directive
Sealing	Dustproof and waterproof to IP67

Revision: 011806-1157

Meazura™ RDA Kit

MEZ1000 Handheld

Comms Cable (Choice of USB or Serial)

PC Software

AC Adaptor (Choice of country)

Optional Extras

Padded Holster

Handstrap

Vehicle Cradle

Desktop Cradle (Choice of USB or Serial)

Null Modem Cable

Vehicle Charger

Screen Protectors

Styli

Barcode Scanner Module

Development Module

RUGGED - PALM POWERED™ - RELIABLE

Built Tough. The Meazura™ Rugged Digital Assistant (RDA) combines the reliability and flexibility of the Palm OS® with rugged durability. Built to IP67 standards, the Meazura™ RDA is completely resistant to dust ingress and is the world's first waterproof (not just resistant) Palm Powered™ device. The Meazura™ RDA is the perfect solution for users that need powerful computing performance regardless of their working environment.

For reliability, you can't beat the Palm OS®, found in over 30 million portable devices worldwide. The Palm OS® is recognized as the world leader for its reliability and ease of use.

Mobile professionals, couriers, engineers, manufacturers, maintenance contractors, paramedics, construction workers and farmers are just a sample of the users that will benefit from the rugged build and computing power of the Meazura™ RDA. The Meazura™ RDA features an ultra long-life lithium-ion battery ensuring days of continuous use.

The Meazura™ RDA is an ideal hardware option for business automation solutions. Featuring the MZIO™ Expansion Slot, the Meazura™ RDA offers users unparalleled hardware flexibility.

International Standards' for IP (Ingress Protection) Classification

First IP Numeral	Second IP Numeral
0 - No protection (sometimes listed as X)	**0** - No protections (sometimes listed as X)
1 - Protected against solid objects up to 50mm3	**1** - Protection against vertically falling drops of water (e.g. condensation)
2 - Protected against solid objects up to 12mm3	**2** - Protection against direct sprays of water up to 15 degrees from vertical
3 - Protected against solid objects up to 2.5mm3	**3** - Protection against direct sprays of water up to 60 degrees from vertical
4 - Protected against solid objects up ot 1mm3	**4** - Protection against water sprayed from all directions - limited ingress permitted
5 - Protected against dust, limited ingress (no harmful deposit)	**5** - Protected against low pressure jets of water from all directions - limited ingress permitted
6 - Totally protected against dust	**6** - Protected against low pressure jets of water, limited ingress permitted (e.g. ship deck)
The RDA is manufactured to IP67 Standards	**7** - Protected against the effect of immersion between 15cm and 1meter
	8 - Protected against long periods of immersion under pressure

For more information visit http://www.aceeca.com or contact...

Manufactured by...

ACEECA™