



## EDiT Ruggedised Palm RFID Reader Specifications



Specifications	Description
<b>Additional Memory in Reader</b>	Non - Volatile 128 megabytes Flash Memory
<b>134.2 kHz EDiT Palm Reader Performance</b>	HDX* Read Range: 140mm from head of Palm FDX-B* Read Range: 140mm from head of palm
<b>125 kHz EDiT Palm Reader Performance</b>	Up to 140mm depending on transponder
<b>Standards &amp; Compliance</b>	ISO Standard 11784 & 11785 AS/NZS 4268(2003) ETSI EN 300 330-2, V1.1.1, 2001 FCC 47 CFR Part 15 Subpart C
<b>Software Integration Ability</b>	EDiT Tag Recorder Practical Systems Stock Hand

\*Actual Read Distances depend on the tag manufacturer, the size of the tag, orientation of the tag to the antenna and the influence of electronic noise.

*The above technical details are subject to change at any time. Please check with EDiT iD for latest version.*



## EDiT Tag Recorder Software Specifications

<b>Specifications</b>	<b>Description</b>
<b>Information Storage Per Animal per File</b>	Two Compulsory and Six Customisable Fields  <b>Two Compulsory Fields Details</b> Electronic ID (EID): ISO EID number only - Entered by scanning EID tag or PC download Visual ID (VID): Alpha numeric, up to 12 digits - Entered by Palm entry or PC download  <b>Six Customisable Fields Details</b> Alpha numeric, up to 12 digits - Entered by Palm entry or PC download User Entered Headings Optional Repeat Function
<b>Total Animals Per File</b>	Up to 999 animals
<b>Total Files Stored</b>	Up to 128MB of storage space
<b>Animal Search Options</b>	<b>Reading an EID Tag</b> Displays all animal details within the open file  <b>Visual Tag Search</b> From list or user entered value Displays all animal details within the open file
<b>PC Interface</b>	Palm OS Hot Sync Manager by default Proprietary PC Software converts Palm database files to comma separated values (CSV) file and visa versa. CSV files can be opened directly to Excel spreadsheet files on a PC.
<b>Data Storage on the Palm</b>	All data is saved to 122MB of Non-Volatile memory

*The above technical details are subject to change at any time. Please check with EDiT iD for latest version*



## Aceeca Ruggedised Palm Specifications

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