



## EDIT ID 702A-BT Portable RFID Reader Technical Brief



<b>Standards</b>	ISO Standards 11784/11785
<b>Compliance</b>	RoHS, ICAR, JRC
<b>Operating Frequency</b>	134.2kHz $\pm$ 5ppm
<b>Tag Compatibility</b>	Reads both ISO HDX and ISO FDX-B
<b>Power Supply</b>	7.4V Lithium Ion Battery (on board charger) Battery Indicator
<b>Antenna Inductance</b>	64 $\mu$ H
<b>Antenna Voltage</b>	170 Vpp
<b>Tag Read Modes</b>	Decimal output Single/Continuous Output Space between Country and National Code (On or Off) JRC Animal Data ICAR Compatible Output Duplicate Tag Storage Options Press to Read Mode
<b>LEDs</b>	Ultra Bright Green: Indicates successful Tag Read. Ultra Bright Red/Blue: Red – Battery OK Red/Blue fast toggle – Battery Charging Red/Blue long/short pulse – Low Battery Blue – Bluetooth Connection
<b>Display</b>	2 x 16 Character LCD with Backlight
<b>Real Time Clock (RTC)</b>	Displays the Day, Date, Month, Year and Time
<b>Non Volatile Memory File System</b>	99 files each storing up to 999 tags plus time/date stamp

<b>Sound</b>	Piezo Buzzer gives an audible indication of -Power Up -Power Down -Tag Read -Duplicate Tag Read -Tag Deleted
<b>Communications Interface</b>	Bluetooth v2.0 Class 1: Slave, Master or Master Auto-Connect Mode Serial Port Profile
<b>Antenna Tuning</b>	Patented Enhanced (Fast) Auto Tuning Australian Patent Application No. 2008101062
<b><i>Read Distances</i></b>	HDX: > 270mm* FDX: > 280mm*
<b><i>Software Compatibility</i></b>	EDiT-Link Data management Application
<b><i>Weigh-scale Compatibility</i></b>	Iconix FX41 Tru-test XR3000
<b>Operating Temperature</b>	-20°C to + 50°C operating

\*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.*