

DAS-8037 IUS Wireless Reader System



DAS-8037 IUS Overview

The DAS-8037 Reader is a wireless reader system for reading ID data from and programming ID data to BMDS Temperature Programmable Transponders. Importantly, the DAS-8037 can fully function with both the TP-500™ and the TP-1000™ temperature transponders. This new unit has full 32 character write capability to both the TP-500™ and the TP-1000™ transponders. The unit can display, and store ID and temperature readings taken from the transponders. It has super bright OLED display, provides a data time and date stamp. The DAS-8037 has a long run time utilizing two (2) 3.7 Li-ion 3000 mAH user replaceable rechargeable batteries. One elegant solution, for all your data collection needs.

The DAS-8037 IUS has a combined display for displaying captured ID data and for providing a control interface for various menu driven options. As a portable system, DAS-8037 IUS can be paired to a small optional communications module that provides a wireless data link between the reader and a computer. The reader comes with a recharging adapter and the lithium rechargeable batteries are user replaceable.

The 8000-CM Wireless Communication Module makes the DAS-8037 IUS Wireless Capable



The optional 8000-CM Wireless Communications Module allows data collected by the reader to transfer data directly to a computer. It includes both USB serial and USB Keyboard Output.



**DAS-8037 IUS
With Optional
Stand**

BMDS Transponder Compatibility

TP-500™

TP-1000™

DAS-8037 IUS Wireless Reader System

Specifications

Technical Characteristics

- Super bright OLED display
- Separate sequencing LED indicating active scan providing better feedback to user
- Hybrid scanning coils that produces more forward read zone
- Time and date stamp
- Full menu-driven setup with password protection
- Good read and data transmit indication
- 12 volt international power supply for recharging
- Direct power and charging via barrel connection 12 volt international power supply
- Battery: Two 3.7 Li-ion 3000mAH user replaceable
- Available with optional Communication Module for wireless transmission
- Wireless over secure P2P ZigBee protocol 903MHz ISM Band (Industrial, Scientific, Medical)

Operation

There is a complete user menu that provides features such as timestamp, ID storage, setup, programming, temperature display, and battery level. The wireless communication module includes both a USB serial port and a USB keyboard output. Powered by the USB connection, each module has a unique "Link ID" number that the user can program into the reader for creating a dedicated wireless communications link. Signal strength indication is provided with a 20' receive distance.

The reader can also be used directly connected to recharging adapter in auto mode. Such usage, the reader continues to charge, thus making sure the unit is always ready for portable operation. Though the DAS-8037 IUS is primarily a hand-held system, there are special order options for stand mounting, an optional wired USB serial, and direct power barrel connection.



Removable holder for programming.



DAS-8037 IUS with silicone boot protective covering and reader stand for hands-free applications.