

# BMDS DAS-8016 DAS-8017

## Pocket Reader

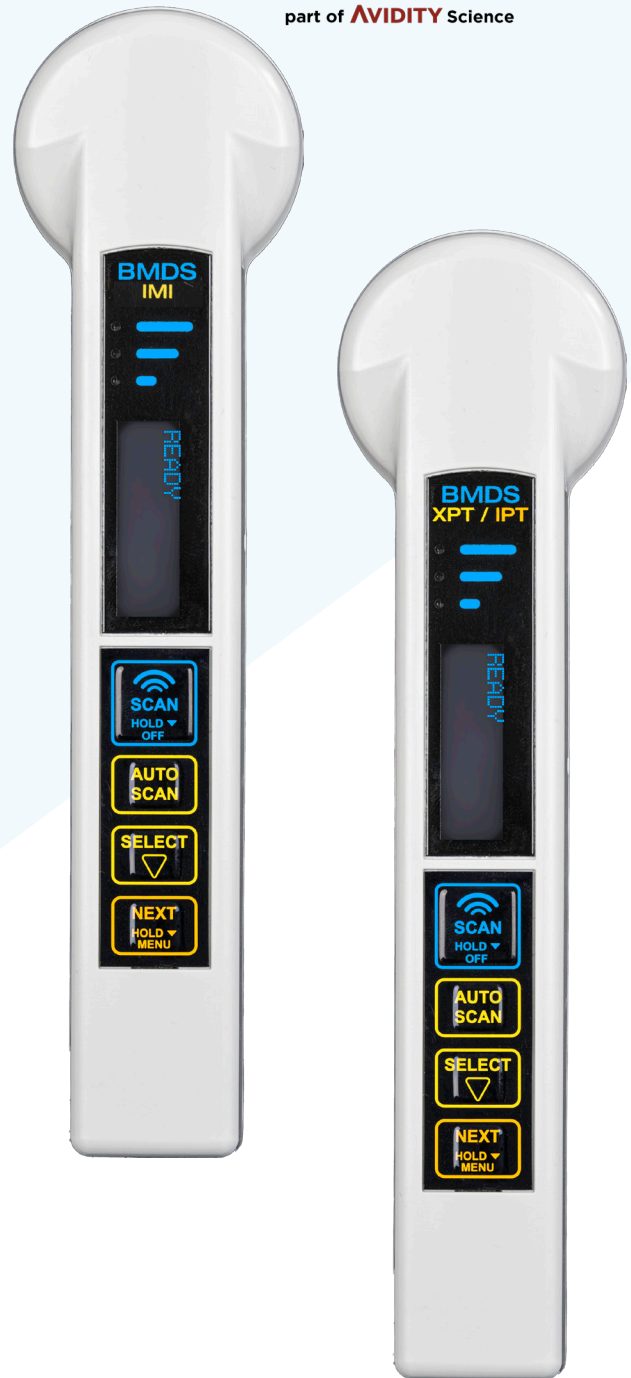


**BMDS**  
part of **AVIDITY** Science

### The Features of DAS-8016 & DAS-8017

The Pocket Readers are handheld electronic systems for reading and displaying the user ID in BMDS transponders. The system is small in size and is a completely self-contained portable reader. It can be connected directly to a computing device's USB port where it is detected as a serial port through which data can be transmitted. A wireless keyboard out is also accessible.

The DAS-8016 reads IMI transponders and the DAS-8017 reads both XPT and IPT transponders. The display uses the latest OLED technology supplemented by sequencing LEDs for low RF noise scan indication. A critical design element is the 1/2 size reader scan head. This new head, while naturally reducing the overall bulk and size of the reader, also offers a more focused read zone. The unit includes a built-in low voltage charging circuit so that the unit can be recharged and operated directly via its USB plug connection. The battery is a single 18650 lithium-ion battery which may be replaced by the user. The unit has a membrane keypad that includes basic scan functions, plus a full menu capability for entering unit set up.



#### BMDS Transponder Compatibility

**IMI-400 with the DAS-8016**

**IMI-500 with the DAS-8016**

**IMI-1000 with the DAS-8016**

**XPT-100 with the DAS-8017**

**IPT-300 with the DAS-8017**

**IPTT-300 with the DAS-8017**

# TECHNICAL INFORMATION



## Distinctive Characteristics

- Small size – making it a good match for handheld tablets and portable computers
- Portable operation via internal, rechargeable, Lithium-Ion battery
- Auto read mode for non-portable, stand-mounted, continuous read, applications.
- Ability to directly operate and charge via a standard serial data USB port with no additional interface hardware.
- Wireless ability to link as standard Bluetooth HID equipped device or connect to a BMDS secure Peer-to-Peer radio com module.
- Built-in Full Size Connector Serial USB Out
- Built-in Keyboard Configured Wireless Bluetooth
- Option to add Wireless Interface via unit Menu
- (BMDS Wireless Com Module has both Keyboard and Serial USB out)

## Technical Characteristics

- Small Hybrid Scan Head for easier orientation
- Beep and Scan Operation
- Bright OLED Data Display
- Ability to Store and Download about 500 IDs
- Powered via Single Lithium 18650 battery
- Recharge via unit's USB Data Port
- Compact Size and Light Weight
- Sequencing Scan LEDs
- Display with 16 X 2 Characters with Scrolling for longer IDs
- Menu Selectable Display Orientation
- Large Scan Button with Instant Double Press ON
- Button Control of Auto Scan Mode
- Menu Control of Automatic OFF
- Menu Control of Beep
- Menu Selectable Data Output Delimiters