BMDS KP-8018
KP-8019

Keyboard Probe

BMDS
part of AVIDITY Science

The Features of KP-8018 & KP-8019

The Keyboard Probes are handheld electronic systems for reading the user ID in BMDS transponders. The Probes are small in size and are designed to be connected directly to a computing device's USB port where it is detected as a keyboard (HID) input. Full wireless operation is also available.

The KP-8018 reads IMI transponder and the KP-8019 reads both XPT and IPT transponders. 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 that may be replaced by the user. The unit has a membrane keypad and LED scanning status and setup indication.

The Keyboard Probe has usage in common with a handheld barcode scanner, which, with the aid of a keyboard or touchscreen, is typically used to enter read ID and associated data into a real-time, field-based, computer application. In such a setup, a device display is not required, since the user sees the data immediately on the computer or tablet screen.

iOS

BMDS Transponder Compatibilty

IMI-400 with the KP-8018
IMI-500 with the KP-8018
IMI-1000 with the KP-8018
XPT-100 with the KP-8019
IPT-300 with the KP-8019
IPTT-300 with the KP-8019

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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.
- Powered directly off a tablet or computer's USB port without the need for a separate interface system or a separate power supply.
- Ability to directly connect to a USB port and be recognized as a keyboard HID output.
- Ability to link as a wireless keyboard output to Bluetooth equipped devices.
- Built-in Keyboard Out via Full-Size USB Connector
- Built-in Keyboard Configured Wireless Bluetoothand Serial USB out)

Technical Characteristics

- Small Hybrid Scan Head for easier orientation
- Beep and Scan Operation
- 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
- Menu Selectable Display Orientation
- Large Scan Button with Instant Double Press ON
- Button Control of Auto Scan Mode