

APRIVA BT200 SMART CARD READER

Operational Description

Overview

Apriva's BT200 Bluetooth Smart Card Reader enables data sensitive enterprises to have the highest level of security available for wireless communication. The Smart Card Readers provide S/MIME users with strong identification and authentication using hard token certificate and private key policies. Additionally, Apriva's Smart Card Readers employ a proprietary embedded operating system with advanced power management capabilities.

Features

- AES 256 Encryption
- DoD PKI Hard Token Common Access Cards
- HSPD-12 PKI Hard Token Personal Identity Verification
- Rechargeable Internal Li++ Battery with Sophisticated Power Management
- Bluetooth Security Verified by NSA
- Wide Range of Bluetooth Connectivity Options Including:
 - Windows Mobile PDAs
 - Most RIM Blackberry Bluetooth devices
 - Desktop and Laptop PCs

Benefits

- Full PKI Enablement
- Long Battery Life (over 4 weeks)
- Optimal Form Factor
- Drivers for Blackberry and Best-of-Breed Windows Mobile OS Handhelds
- Captures data from a variety of ISO conforming cards including credit cards, driver licenses, gift cards, and government issued identification cards
- Provides strong security to mitigate all Bluetooth security threats
- Zero RF emission when powered off
- FIPS 140-2 Level 3 crypto module to encrypt all wireless links

Specifications

- Height: 3.97"/100.8mm
- Width: 2.20"/55.9mm
- Depth: 0.69"/17.5mm
- Weight: 2.6 oz/73.7 gm

Performance Characteristics

Standard: ISO 7816 & EMV 4.0 Compliant, Class A (5.0 volts, up 55 ma) Compliant, Class B (3.0 volts, up 65 ma) Compliant

Protocol: T= 1 and T=0 protocols supported

Data Length: Short and extended data lengths supported

Smart Card Baud Rate: 9600 baud supported as default, most other data supported via a PPS command

Software Updates Provided: Yes

Insertion Cycles: Greater than 200,000

Power Source: Internal Lithium Battery- 30 days usage on a full charge under normal use

Charging: Pass-thru USB charging via cradle or cable

Operational Temperature: -22° to 140°F/ -30° to 60° C

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