



PSEBH Multi-Tech Reader

by BEST

Proximity + HID Smart +
HID BLE reader

Multi-Technology credential reader for multiple applications

BEST PSEBH multi-tech reader is a platform that goes beyond the traditional reader-credential model to offer a secure, standards-based, and flexible platform that has become a benchmark for adaptable and interoperable access control.

BEST PSEBH multi-tech readers simplify access control by offering compatibility among credentials including 125 kHz standard frequency, 13.56MHz high frequency and even Mobile Credential formats. It provides customers the assurance that existing investments can continue to be leveraged as requirements change or technology advances, or a transition/migration process.

BEST PSEBH multi-tech readers can support a wide range of formats including HID® iClass®, Seos™, iClass® SE, HID® MiFare Classic, HID DESFire EV1 as well as select HID and other 125 kHz credential technologies.

BEST PSEBH readers are designed to function with:

- Offline V, IDH Max, Wi-Q
- Mortise, Cylindrical, Exit Device models

Compatibility

BLE (Mobile Credentials) Support	SEOS
High frequency 13.56 MHz Support	HID Seos, HID iCLASS SE, HID iCLASS, HID MIFARE Classic, and HID MIFARE DESFire EV1
Standard frequency 125kHz Support	FSK (HID, AWID)

Key Benefits

- Supports a broad array of credential technologies and a variety of form factors including cards & mobile (low frequency 125kHz fobs not recommended)
- Orderable under "PSEBH" reader option
- Compatible with Offline V, IDH Max and Wi-Q product lines
- Adaptable – Interoperable with a growing range of technologies (HID Seos®, HID iCLASS SE®, HID iCLASS®, HID MIFARE® Classic, HID MIFARE DESFire®EV1) and technologies.

Specifications

Style	Multi-tech reader
Frequency	125 kHz standard frequency (low frequency 125kHz fobs not recommended) 13.56 MHz high frequency BLE (Bluetooth Low Energy)
Dimensions	1.7" W × 1.3" H × 0.41" D (43.2 × 33 × 10.4 mm)
Operating voltage range	3.3 - 12VDC, 5VDC typical
Current draw	Powered from BEST electronic lock; (8 cell battery holder option available)
Operating temperature	-22°F to +149°F (-30°C to 65°C)
Design	Secured in a rugged, tamper-resistant epoxy potting designed to withstand harsh weather conditions; Easily installed
Ordering	Specify "PSEBH" or "PSEBHA" reader option trim style

Key Features

- Compatible with Offline V, and Wi-Q product lines (not supported by IDH Max line locks)
- Epoxy encased electronics provide reliable operation
- Three-year limited warranty on hardware defects in materials and workmanship

For questions about ordering and to be sure you get the right configuration for your needs, [contact your BEST dormakaba sales representative](#).
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