FEIG

HF High Performance Handheld Reader ID PRH200-BW with Bluetooth LE Interface and latest WiFi Module

The well-established handheld reader ID PRH200 from FEIG has undergone a major upgrade and is considered <u>the</u> handheld reader with the world's best RFID performance in the library sector.

The new communication module provides a modern Bluetooth Low Energy (BLE) interface and a WiFi interface. This enables faster communication in accordance with the latest security standards.

Better integration into library networks thanks to BLE

The application software on a tablet, smartphone or Windows PC often requires a simultaneous connection to the Reader ID PRH200-BW and the library's database. Thanks to the new BLE interface, the reader can be paired

quickly and easily with the mobile device. At the same time, it can establish a second permanent connection to the library's database via WiFi. This eliminates the time-consuming switching of the WiFi interface on the tablet. Many applications also require direct communication with the user to carry out inventories or search for individual media. For example, a smartphone can now be used to display the required information with a simultaneous connection to the reader and the database.

Increased customer benefits due to WiFi compatibility with the IEEE 802.11b/g/n standard

The connectivity of the ID PRH200-BW mobile reader, compatible with the IEEE 802.11 b/g/n standard, enables faster communication through higher bandwidths and the highest level of security through WPA2 enterprise encryption. In addition, the international bands 2.4 GHz and 5 GHz are now supported, which increases the flexibility and wireless coverage of the network.

Thanks to the future-proof WPA2 Enterprise encryption, a separate network with higher security requirements can now be used in addition to the public WIFI for visitors.

New FEIG SDK GEN 3 and Demo PRH200-BW App

The new SDK Gen 3 improves contactless data transmission in mobile applications. From version V06.07 onwards, it is now also possible to connect the reader to Windows PCs and Android devices via BLE **and** WIFI.

The simple integration into customer applications is demonstrated by the new PRH200-BW app. With this app, important activities in libraries such as

inventories, media search or changing the AFI/EAS byte can be easily demonstrated.

Interested parties can download the royalty-free source code for programming free of charge.

Adjustable transmission power in 0.5W steps
With the button "Power-On / Reader Mode", the reader's HF transmission power can be switched between "Standard Mode" (1.5 W) and the powerful "Boost Mode" (4 W) at the push of a button.
The new function now also allows quick changes between 0.5 W up to 4 W in 0.5 W steps. Due to the finer gradation a more precise localization of the media on the shelf is possible.