

Your Global Automation Partner

# TURCK

## PD20/PD67 RFID Handhelds



# PD20/PD67 – RFID Handhelds

From improving inventory management to easily re-writing tags, Turck offers a range of mobile handheld RFID solutions for both HF and UHF applications. Whether you need a rugged solution in IP67 or a more cost-effective IP20 version, you'll appreciate the built-in features and functionality in the PD20 and PD67 family of RFID devices.

The handhelds come equipped with a battery, USB cable, docking station (PD67 only), and a power supply unit.



## PD67

The PD67 handhelds are truly robust universal devices with protection to IP67 for industrial use. With their 5.5" capacitive touch color display, they offer an ergonomic user interface for RFID and optional 1D/2D barcode communication. All variants of the PD67 come with built-in support for both UHF and HF communication conforming to global standards (ISO 18000-63 and ISO 15693).



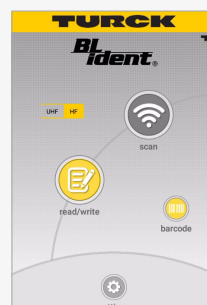
## PD20

The PD20 model does not come with a display and offers protection to IP20. It is ideal for simple applications in the UHF range. The easy-to-use interface provided via free Turck RFID application software is supported on both iOS and Android devices. They are well suited for inventory and asset management.



### Highly Flexible

The Turck handhelds combine both barcode and RFID technologies in a single device. This allows the user to not only read or write RFID tags, but scan barcodes or data matrix codes as well.

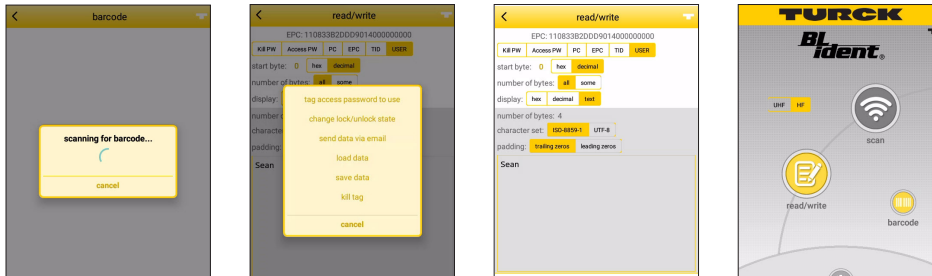


### Free User Software

The Turck RFID application software for the PD20 and PD67 models features a host of functions and comes preinstalled on the PD67. The software boasts a high level of user-friendliness.

# Powerful Software Package

Functions of the application software

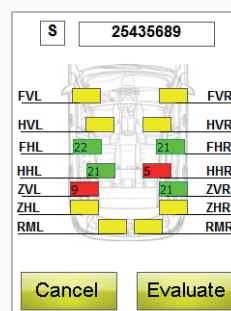


- Selection of various languages available on request (German, English, French, Spanish, Italian, Chinese)
- Support for different tag types (including TW-R30-K9)
- Automatic tag type selection
- Multitag detection and tag selection
- Full addressing of the memory for reading and writing data
- Display of the byte addresses in the data table
- Detection and rectification of incorrect addressing of the user
- Different data formats: ASCII, hexadecimal, decimal
- Support of all ISO 18000-63 / EPC global Gen 2 compliant tags
- Display of the RSSI value when scanning the EPCs
- Selection of memory areas (KILL-PW, ACCESS-PW, PC, EPC, TID, USER)
- UHF parameter settings (power, double power for write operations, number of tags, frequency)



## Customizable

Users can easily customize the Turck App to fit their needs via Java Scripting. Alternatively, an experienced developer can freely download the SDKs from the Turck website for a fully custom solution.



## Pre-set Application Functions

Turck offers the programming of custom solutions for particular applications. The possible customization options are shown on the back of this brochure.

# Types and Features

PD20 Handhelds for UHF (ISO 18000-63; EPC global Gen 2)

Ident No.	Type Designation	UHF Regions	Max RF Power (UHF)	Compatibility
100000996	PD20-UHF-NA-R	USA, Canada, Mexico	1 Watt ERP	Android, IOS
100000995	PD20-UHF-EU-R	European Union, Turkey, India	1 Watt ERP	Android, IOS
100000997	PD20-UHF-CHN-R	China	1 Watt ERP	Android, IOS

\* with pistol grip

PD67 Handhelds for HF (ISO 15693) and UHF (ISO 18000-63; EPC global Gen 2)

Ident No.	Type Designation	UHF Regions	Max RF Power (UHF)	Barcode Scanner	Processor	Flash ROM; RAM
100004306	PD67-UNI-NA-RWBG	USA, Canada, Mexico	1 Watt ERP		800 MHz	4GB; 1GB
100004319	PD67-UNI-EU-RWBG	European Union, Turkey, India	1 Watt ERP		800 MHz	4GB; 1GB
100004320	PD67-UNI-CHN-RWBG	China	1 Watt ERP		800 MHz	4GB; 1GB
100004307	PD67-UNI-NA-RSWBG	USA, Canada, Mexico	1 Watt ERP	1D/2D imager	800 MHz	4GB; 1GB
100004323	PD67-UNI-EU-RSWBG	European Union, Turkey, India	1 Watt ERP	1D/2D imager	800 MHz	4GB; 1GB
100004322	PD67-UNI-CHN-RSWBG	China	1 Watt ERP	1D/2D imager	800 MHz	4GB; 1GB

Custom solutions on request, including:

#### Custom Design

- Software possible in any language
- Reduction of setting options
- Data formats: ASCII, hex, decimal, binary, word, date, time, etc.
- Checkboxes, value lists, and tables
- Adaption of read/write operations
- Signal colors and signal tones
- Automatic counter
- Use of own corporate logo

#### Multitag, Password, RSSI, Kill Command

- Filtering and selection of tags with Multitag
- Password protection on handheld and tags
- Lock command for memory protection
- Kill command for deletion

#### Barcode

- Synchronization of barcode and RFID data
- Event trigger after scanning

#### Saving/Loading of Data

- Saving of data in local database on the handheld
- Saving of data in files and the provision for external systems
- Transferring of files to the handheld and writing data to tags

#### Data Transmission

- Data transmission at the push of a button via WiFi, Bluetooth, USB
- Data upload to an FTP server
- Sending data to a printer

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