

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 or 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).



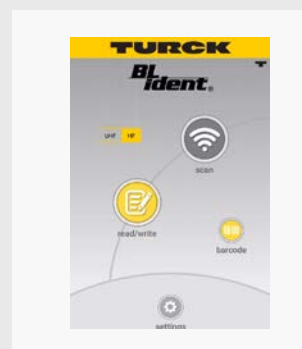
PD20

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..



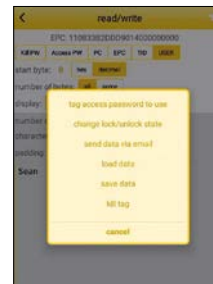
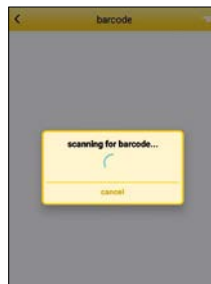
Efficient application software

The user-friendly Turck RFID application software for the handhelds has a multitude of functions. The software is already pre-installed on the PD67; users of the PD20 can download the app for smartphones from the App Store and Google Play.

Powerful Software Package

Functions of the application software

- Selection of different languages (German, English, French, Spanish, Italian, Chinese on request)
- 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 18000-6C/EPCglobal Gen 2 and ISO 15693 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)

Application examples

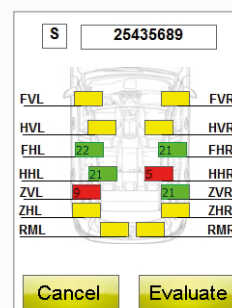
- Asset Tracking: Capturing of different information using HF, UHF and/or barcode
- Tool recognition: For mobile detection of tools and execution or logging of maintenance activities
- Inventory management: Detection of all incoming and outgoing goods and the stock on hand.
- Writing of tags by a user
- Location-independent use, e.g. outside a factory

App download for PD20 users



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
100000995	PD20-UHF-EU-R	Europe, Turkey, India	1 Watt ERP	Android, IOS
100000996	PD20-UHF-NA-R	USA, Canada, Mexico	1 Watt ERP	Android, IOS
100000997	PD20-UHF-CHN-R	China	1 Watt ERP	Android, IOS

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
100004319	PD67-UNI-EU-RWBG	Europe, Turkey, India	1 Watt ERP	-	800 MHz	4 GB; 1GB
100004306	PD67-UNI-NA-RWBG	USA, Canada, Mexico	1 Watt ERP	-	800 MHz	4 GB; 1GB
100004320	PD67-UNI-CHN-RWBG	China	1 Watt ERP	-	800 MHz	4 GB; 1GB
100004323	PD67-UNI-EU-RSWBG	Europe, Turkey, India	1 Watt ERP	1D/2D imager	800 MHz	4 GB; 1GB
100004307	PD67-UNI-NA-RSWBG	USA, Canada, Mexico	1 Watt ERP	1D/2D imager	800 MHz	4 GB; 1GB
100004322	PD67-UNI-CHN-RSWBG	China	1 Watt ERP	1D/2D imager	800 MHz	4 GB; 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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