

*PiccoLink®*

How can you benefit from the  
**PiccoLink® RF600** Wireless Data Collection?



**NORDICID**

## Quite frankly, it is up to you!

PiccoLink®

PiccoLink® RF600 is a part of a unique wireless data collection system. The system consists of radio handsets which are used to communicate with the host system via base stations using an efficient communication protocol. The host system can be just a PC or a

more complex computer system. The base station (or several base stations) can be connected to the host system using an RS232 serial interface or to a LAN using an Ethernet-Serial converter. The application software is run on the host system. This eliminates the need

to program the handheld units. It also makes software development and updating extremely easy. Application software running on the host is extremely flexible. What is more, the communication is rapid because it's real time!

PiccoLink® RF600 is a wireless data collection terminal, which extends the company data system right to where it is needed: reception of goods, warehouse, shop floor and customer service, etc.

PiccoLink® RF600 can be used in numerous ways. It scans the barcode or the RFID tag and displays the product price, delivery time or any other required piece of information. In an inventory the number of items can be entered directly to the stock accounting via PiccoLink®RF600. You can sort out your reservations, place the orders and update your customer databases anytime any-where. All this and much more wirelessly and in real time.

PiccoLink® RF600 is a barcode scanner, wireless keypad and a clear computer display in one compact ergonomic handset. Equipped with a barcode scanner it weighs only 257 grams, so if required you can have it with you the whole day.

The radio network required for the data transmission is easy to construct using powerful base stations. The number of available channels is 7 and one base station can support several users simultaneously. Base stations can be connected to the network through workstations or by means of an Ethernet network adapter.



PiccoLink® RF600 features a large and clear display with an illuminated screen which is easy to read even in poor conditions. Robust buttons are made of wear-resistant rubber silicone.





PiccoLink® RF600 is a tool designed to fit into your palm. It is also made to last. In the conducted drop-tests it could take a fall from one metre on to a hard concrete floor with flying colours. The operating temperature is between  $-20$  and  $+55^{\circ}\text{C}$ .



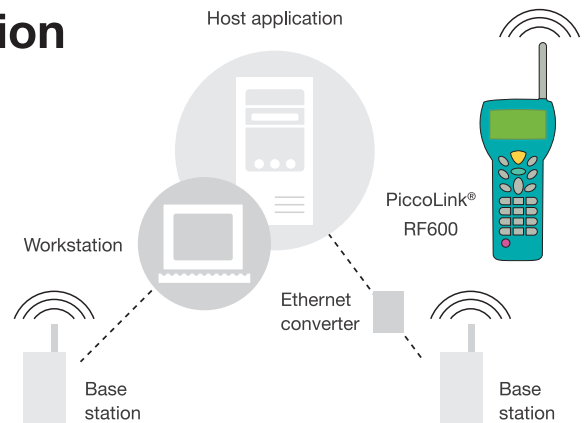
PiccoLink® data transmission system is up and running in hundreds of companies. It is used, among others, for stock monitoring, reserving restaurant tables and tracking the flow of goods in an express delivery service.

The multi-purpose PiccoLink® RF600 is precisely what you want it to be. The application is developed for a host environment, which can be either a single PC or the company business system. PiccoLink® RF600 operates as a wireless terminal making the required software available to you wherever you need it.

## PiccoLink® RF600 system operation

PiccoLink® RF600 connects to any system, Windows or non-Windows such as Unix, Linux, etc. The 20 kbps data transfer rate makes sure the connection works without delay.

All the latest software updates and development tools can be downloaded from our web site at [www.nordicid.com](http://www.nordicid.com).



## PiccoLink® RF600 Hand-Held Units and Accessories



### Accessories:

- Desk Top Charger
- Multiple Desk Top Charger for 5 Hand-Held Units
- Holster with Belt Clip
- Full Cover Holster
- Ethernet Adapter
- Base Station Mounting Bracket
- Cables and NiMH batteries



The PiccoLink® RF600 handset is available in a wide range of models suited for the user's varied needs. The chosen configuration can be further complemented by accessories presented here.

### The PiccoLink® RF600 Series features the following products:

RF600 Hand-Held Unit with Barcode Scanner  
RF600 Hand-Held Unit without Barcode Scanner  
RF600 Hand-Held Unit with Long Range Barcode Scanner  
RF600 Hand-Held Unit with RFID 13.56 MHz  
RF600 Hand-Held Unit with RFID 13.56 MHz and Barcode Scanner  
RF600 Hand Held-Unit with RFID 125 kHz  
RF600 Hand Held-Unit with RFID 125 kHz and Barcode Scanner  
RF600 Base Station



# RF600 Specifications

## Technical Data

Operating frequency	433.60 to 434.20 MHz
Number of channels	7
Data transfer rate	20 Kbit/s
Applied standard	EN 300 220-1, EN 60 825-1:1994 $\mu$ g0 nm P=1.4 mW
Operating temperature	-20 to +55°C

## Hand-Held Unit

Size L x H x W	173 x 22(41) x 54(79) mm
Weight incl. batteries	257 g with barcode scanner
	237 g without barcode scanner
Power supply	2 pcs AA-size batteries NiMH/NiCd/Alkaline
Display	8 x 20 characters with backlight
Keyboard	22 silicone rubber keys
Barcode support	All common types
User input	By keyboard, barcode scanner or
	RFID reader/writer (13.56 MHz and 125 kHz)
Drop resistance	From 1 m on to concrete
Standard colour	Green and gray

## Base Station

Size L x H x W	88 x 24 x 50 mm
Power supply	6V DC, 100 mA
Interface	RS232: 19200, N,8,1 (CTS/RTS) Connectors
	Modular 6-pin RJ11 for RS232
	DC-jack for power supply

## Product Highlights

RS232 interface for external devices
Highly ergonomic design
Light weight and compact
Easy to use one hand operation
Licence free in Europe
Multi-channel operation
Large line of sight coverage
Very small sized base station capable of serving several handheld units simultaneously
Base station can also be used as relay base station, in site survey mode, or as a radio substation modem
Integrated barcode scanner and/or RFID reader/writer

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