

## Nordic ID RF651

The Nordic ID RF651 wireless terminal can be used quickly and efficiently to access business-relevant information anytime and from anywhere. Owing to its light weight (250 g), its ergonomic design and its low energy consumption, the Nordic ID RF651 is very convenient to work with even the whole day.

### INEXPENSIVE ONLINE SERVICE WITH BLUETOOTH

The Nordic ID RF651 is part of a system for wireless data collection. In the simplest configuration, a Bluetooth USB dongle is used enabling the connection of up to seven Nordic ID RF 651 wireless terminals to a PC or a point of sale system - making the introduction of mobile data collection very cost-efficient.

The data collected are transmitted via Bluetooth. This is done in real time and via encrypted transmission. The Nordic ID RF651 uses Class 1 Bluetooth technology to connect to the network with a range of up to 100 m.

### BARCODE DATA COLLECTION

The mobile terminal optionally features a laser scanner or a CCD scanner. The large, illuminated display can be easily read even in poorly lit areas.

### FULLY UPGRADABLE SYSTEM

By integrating Nordic ID access servers, the basic Bluetooth network can be upgraded to form a wireless network. Up to 21 data collection devices are able to communicate with one access server. In this way, the data collection system can be conveniently extended whenever required.

At the same time the individual terminals are not linked to a certain Access Server but are able to receive and send data from all Access Servers while operating (roaming).



All access servers are provided with an integrated TCP/IP network connection and linked to the host system via LAN. The central application can be run on a server or a PC. Staff using the Nordic ID RF651 can access e. g. current stock information, orders placed or all product information at any time. Updates and system modifications are carried out centrally in a timesaving manner.

### QUICK IMPLEMENTATION

The system is very easy to install and ready for full use within only a few minutes by simply connecting the wireless terminals to the previously configured Access Servers or the Bluetooth dongle. Both these alternatives also allow Bluetooth printers or other Bluetooth appliances to be integrated into the system.

With the free ActiveX functional library software, applications are quickly realized. As the software runs on a central host system, there is no need for time-consuming installations on terminals. The applications are instantly ready for use.

The Nordic ID RF601 is available in anthracite and sapphire blue – however, optional colors reflecting the corporate design of the user company are also possible on request.

**Barcode**  
laser,  
CMOS scanner

**Bluetooth**  
dongle or  
access server

**Terminal**  
**Concept**

**Roaming**



# Nordic ID RF651 Bluetooth Radio Terminal

2 year warranty

## Basic Data

display	8 x 20 characters, backlight
keyboard	22 rugged silicone rubber keys
battery	2 x AA batteries NiMH/Alkaline operating time: 24 hours
colours	sapphire blue or anthracite / base station: anthracite
dimensions L x H x W	173 x 42 x 79 mm
weight	250 g incl. batteries
drop resistance	1,2 m on concrete
operating temperature	-20° C to +50° C
storage temperature	-20° C to +35° C
charging temperature	0° C to +45° C
charging time	2 hours from 0 to 100% on average 1,5 hours from 0 to 90% on average

## Communication

Bluetooth dongle	Bluetooth 1.2 / 2,4 GHz, Class 1 (100 m) communication feasibility: up to 7 devices per USB dongle data transfer rate: up to 1 Mb/s
access server	communication feasibility: up to 21 devices per access server supports Bluetooth roaming data transfer rate: up to 1 Mb/s
applied standards	EN 300 328-2; EN 301 489-17 FCC, Part 15, Subpart B (2003) and Subpart C (2003) RSS-210, Issue 5 (2001) EN60825-1 + A1:2002 + A2:2001 class 1 / EN 60950-1

## Identification

barcode	laser 1D codes / GS1 DataBar
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all information is subject to change without notice

## Product Highlights

- integrated barcode scanner (laser or CMOS scanner)
- ergonomic design
- light weight and compact size
- one hand operation
- secure data transfer via Bluetooth
- built in antenna
- roaming (via access server)

## Accessories

- desktop charger
- 5-way/multiple desktop charger
- access server
- Bluetooth dongle
- shock absorbing cover
- configuration cable

## Development Environment

- NID ActiveX function library
- supports all current programming languages



## CONTACT



Nordic ID GmbH  
Heidestraße 50  
32051 Herford  
GERMANY

tel. +49 / 5221 34222-0  
fax +49 / 5221 34222-10  
info@nordicid.de  
www.nordicid.de

## International HQ

Nordic ID  
Salo, Finland  
tel +358 2 727 7700  
info@nordicid.com  
www.nordicid.com

## France

Nordic ID France  
Paris, France  
tel. +33 1 42 68 50 74  
contact@nordicid.com  
www.nordicid.com

## Germany

Nordic ID GmbH  
Herford, Germany  
tel +49 5221 34222 0  
info@nordicid.de  
www.nordicid.de

## Sweden

Nordic ID  
Sweden  
tel +46 31 288 666  
info@nordicid.se  
www.nordicid.se

## Benelux

Nordic ID Holland  
Alphen a. d. Rijn, Holland  
tel +31 172 233 097  
info@nordicid.nl  
www.nordicid.nl

## United Kingdom

Nordic ID Ltd  
Stratford-upon-Avon, UK  
tel +44 1789 294 799  
sales@nordicid.co.uk  
www.nordicid.com