PRODUCTS

NORDIC ID PRODUCT CATALOGUE 2012-2013

EASY
AFFORDABLE
RFID

PRODUCTS

Nordic ID Morphic UHF RFID Cross Dipole

Nordic ID Morphic

Nordic ID Morphic Batch

Nordic ID Merlin UHF RFID Cross Dipole

Nordic ID Merlin UHF RFID

Nordic ID Merlin HF RFID

Nordic ID Merlin HF RFID BLADE

Nordic ID Merlin

Nordic ID Sampo

Nordic ID RF601

Nordic ID RF651

NORDICID

STORY OF
NORDIC ID

Nordic ID provides data capture tools for professional use. We are a respected and well known supplier of barcode and RFID mobile computers and fixed RFID readers. Our success is based on our excellent services and the products' usability.

25 years ago the R&D Teamleader for Mobira (Nokia) Talkman followed his entrepreneurial aspirations and as a result Nordic ID was born.

A retailer was losing money as he was unable to trace his roller cages and crates. The innovator in our CEO jumped to the rescue. And since 1995 more than 150 000 people benefit from the data captured with the Nordic ID mobile equipment on a daily basis. Every Monday between 10:00 AM and 11:00 AM GMT approximately 1 billion transactions are made with Nordic ID devices.

The Nordic products have impressed the top 250 retailers in Europe. The average turnover of a Nordic ID retail customer is MEUR 20.

Our passion for wireless technology drove us to start with RFID development as early as the year 2000. Since 2006 Nordic ID has equipped 70% of all European Apparel RFID pilots and roll-outs.

The House of RFID offers a full range of RFID solutions.

TABLE OF
CONTENTS
Nordic ID Product Catalogue

PRODUCTS

NORDIC**ID**

nordicidmorphic

RFID GLOBAL by SOFTWORK

RFID

NORDIC ID
Morphic

UHF RFID Cross Dipole

"Pocket size portability with big gun performance"

INTRODUCTION

A mobile computer that finishes RFID inventory in minutes, functions as a mobile phone and still fits in your pocket. We give you Nordic ID Morphic UHF RFID Cross Dipole, the smallest UHF RFID mass reading Windows CE device on the market.

Nordic ID Morphic UHF RFID Cross Dipole is equipped with a UHF RFID reader and a laser scanner. It communicates via WLAN, 3G, GPS, Bluetooth, USB and Ethernet as well as makes VoIP calls. The unit comes with a powerful battery (LiPo 2260 mAh) enabling up to 9 h continuous RFID use.

With the Nordic ID Morphic UHF RFID Cross Dipole the retail environment has the first ever small sized UHF RFID mobile computer. The champion performer optimizes intuitive use while providing robust features, offering fast track to productivity and quick ROI.

HIGHLIGHTS

- Cost-effective RFID inventory
- Pocket size portability
- Large scale RFID performance

- Up to 9 hours with a single charge
- Two antenna positions: read & carry
- Single-hand operation

UHF RFID	BARCODE	3G	WLAN	BLUETOOTH	GPS
500 mW Cross Dipole antenna	LASER or 2D IMAGER	UMTS / HSDPA 900/2100 MHz	802.11 a/b/g/n WPA2	2.0 + EDR Class 2	Assisted GPS

FAST AND ACCURATE PERFORMING OF EVERYDAY TASKS IN THE RETAIL INDUSTRY

The apparel and fashion industry have requested a faster and more powerful and efficient RFID reader that can be used for a wide range of tasks, while it still fits their pockets. Finally, this request has been answered.

Whether the need is to make a call, take stock or perform single item scanning, such as; repricing, information search and customer service, the mobile computer Nordic ID Morphic UHF RFID Cross Dipole offers an all-in-one RFID reading solution. Due to its small size, the device can be managed with only one hand and be carried in your pocket.

The powerful RFID antenna of the Nordic ID Morphic UHF RFID Cross Dipole ensures fast reading speed since it can read tags both vertically and horizontally as efficiently as corresponding larger devices. It can read tags from a distance of up to 2.5 meters.

The long battery life and the energy saving features ensure that the staff can use the reader for a whole working day. Better yet, they can use the same reader for stocktake, continuous inventory, retail goods-in procedures, making calls, as well as for shop floor management.

Equipped with the new Nordic ID UHF RFID reader module, Nordic ID Morphic UHF RFID Cross Dipole is a breakthrough never before seen on the market.

APPLICATION AREAS

Nordic ID Morphic UHF RFID Cross Dipole is especially suitable for:

- Inventory and stocktake
- Retail goods-in procedure
- Locating items / SKUs
- Shop floor data management
- Waste and markdowns
- Loss prevention
- Anti-counterfeit
- Track and trace
- Commissioning
- Asset management

APPAREL • SPECIALTY RETAIL • HORTICULTURAL • AUTOMOTIVE • HOSPITALITY • WHOLESALE • HEALTH & PHARMA • TRANSPORTATION

nordicidmorphic

NORDIC ID
Morphic

UHF RFID

"Compact and cost–effective"

INTRODUCTION

The pocket sized Nordic ID Morphic UHF RFID offers RFID reading and a GSM phone making business information accessible for a complete working day (up to 28 hours).

Nordic ID Morphic UHF RFID is equipped with a UHF RFID reader and a laser scanner. It communicates via WLAN, GPRS/EDGE, Bluetooth, USB and Ethernet as well as makes GSM voice calls. The offered functionalities make Nordic ID Morphic UHF RFID an all-around tool for professional use both indoors and outdoors.

With the Nordic ID Morphic UHF RFID the retail environment has a champion performer that optimizes intuitive use and small size while providing robust features, offering fast track to productivity and quick ROI.

HIGHLIGHTS

- All-in-one RFID tool
- Pocket size
- Up to 12 hours with a single charge
- 2 year warranty
- Most light weight
- Single-hand operation

UHF RFID linear antenna	BARCODE LASER	3G UMTS / HSDPA 900/2100 MHz	WLAN 802.11 b/g WPA2	BLUETOOTH 2.0 + EDR Class 2	USB & ETHERNET via Charger

REAL-TIME ASSET MANAGEMENT AND GOODS FLOW INFORMANTION

Mieloo & Alexander Business Integrators, a trusted partner of Nordic ID, provides the horticultural sector in Holland and Germany with a powerful and efficient solution for asset and goods flow management.

ScanGreen Application Suite, an asset management software developed by M&A, enables growers, transport companies, wholesalers and retailers to easily register inbound and outbound movements of assets and manage the balance of the asset pools across the supply chain.

The ScanGreen applications, developed for both the Nordic ID Morphic UHF RFID and Nordic ID Merlin UHF RFID, leverage the verification of containers and trolleys of CC Container Centralen A/S, a Danish/Dutch logistics company with a pool of approx. 3.5 million containers and trolleys for plants and flowers. The powerful RFID performance and functionalities of the Nordic ID devices make the ScanGreen solutions versatile and the handling of assets easy.

By incorporating e-signatures upon delivery, several processes are integrated saving both time and money. Users are provided with easy insights and clear reports of account balances and on-hand assets.

APPLICATION AREAS

Nordic ID Morphic UHF RFID is especially suitable for:

- Anti-counterfeit
- Identifying single items
- Asset management
- Batch / component identification
- Track and trace

HORTICULTURAL

AUTO MOTIVE

MANUFACTURING

TRANSPORTATION

APPAREL

HEALTH & PHARMA

SUPPLY CHAIN

SPECIALTY RETAIL

nordicidmorphic

RFID GLOBAL by SOFTWORK

NORDIC ID
Morphic

"Perfect fit for retail"

INTRODUCTION

Nordic ID Morphic serves the retail market with standard voice and data communication as well as with wide support for all retail barcode types.

Nordic ID Morphic is equipped with a laser scanner or 2D imager and communicates via WLAN, 3G, GPS, Bluetooth, USB and Ethernet as well as makes GSM voice calls. The offered functionalities make Nordic ID Morphic an all-around tool for professional use both indoors and outdoors.

With the Nordic ID Morphic the retail environment has a champion performer that optimizes intuitive use and small size while providing robust features, offering fast track to productivity and quick ROI.

HIGHLIGHTS

- Pocket size all-in-one mobile computer
- All retail barcodes supported
- Robust
- Up to 14 hours with a single charge
- Safe investment with a guaranteed 5 years support
- 2 year warranty

BARCODE LASER or 2D IMAGER	GPS Assisted GPS	BLUETOOTH 2.0 + EDR Class 2	WLAN 802.11 b/g WPA2	USB & ETHERNET via Charger	3G UMTS / HSDPA 900/2100 MHz

AXFOOD ADOPTS NORDIC ID MORPHIC MOBILE COMPUTERS FOR RETAIL USE

Swedish grocery retailer and wholesale distributor Axfood has adopted the Nordic ID Morphic handheld terminals as part of a substantial systems upgrade needed to maintain their busy day to day operations. The upgrade was done in cooperation with integrator CUB Handdatorsystem. The upgrade has provided the users a giant step forward in functionality and ease of use from their legacy system.

CUB started the project of updating Axfood's handhelds about 2 years ago as the legacy systems were becoming too old and hard to repair. The Nordic ID Morphic mobile computer was selected from a pool of competitors because it offered all the functionalities Axfood required including: one-hand operation, compatibility with their old system and most importantly a long battery life of over 8 hours. Additionally, the Nordic ID Morphic mobile computers

offer wireless and offer remote access in order to give real time data to the back office systems as well as easy software updates.

The system was implemented impressively fast and now includes about 2000 devices throughout their extensive retail and distribution chain.

APPLICATION AREAS

Nordic ID Morphic is especially suitable for:

- Inventory management
- Customer service
- Shop floor data management
- Printing applications (repricing and shopping basket)

GROCERY

WHOLESALE

APPAREL

WAREHOUSE

TRANSPORTATION

HEALTH & PHARMA

SUPPLY CHAIN

SPECIALTY RETAIL

NORDIC ID

Morphic

Batch

"Quality in data collection"

INTRODUCTION

Nordic ID Morphic Batch satisfies your data collection needs with its superior memory. It updates your enterprise information system efficiently over Ethernet.

Nordic ID Morphic Batch is equipped with a laser scanner or 2D imager and communicates via Bluetooth, USB and Ethernet. The batch storage is extended through an user accessible SDHC card slot. The offered functionalities make Nordic ID Morphic Batch an all-around tool for professional use both indoors and outdoors.

With the Nordic ID Morphic Batch the retail environment has a champion performer that optimizes intuitive use and small size while providing robust features, offering fast track to productivity and quick ROI.

HIGHLIGHTS

- Pocket size
- Up to 32 GB memory
- Robust
- Ethernet via cradle as a standard
- Touchscreen
- 2 year warranty

BARCODE LASER or 2D IMAGER	BLUETOOTH 2.0 + EDR Class 2	USB via Charger	ETHERNET via Charger	LARGE MEMORY CAPACITY SDHC

EXPERTISE IN RETAIL OUTLET AUTOMATION

When it comes to local as well as international retail chains with simple operations and distribution centers that basically work like warehouses, the robust but small-size Nordic ID Morphic Batch, with its superior memory size and long-life battery, is a perfect match.

Pilot, a leading Russian system integrator, software and solutions developer and a trusted partner of Nordic ID is promoting and distributing Nordic ID Morphic handhelds to several leading Russian and international retail chains in Russia.

The Nordic ID Morphic Batch is an affordable entry level tool for data collection, inventory and picking. It has a high security level since all information is transferred by Ethernet. The big memory card, the efficient battery and the power saving features ensure that the employees can work for a whole working day without interruption. Like a bumble bee it gathers and spreads information before returning to its cradle for the night.

APPLICATION AREAS

WAREHOUSE	APPAREL	GROCERY	WHOLESALE
HOSPITALITY	HEALTH & PHARMA	SPECIALTY RETAIL	HORTICULTURAL

nordicidmerlin

NORDIC ID

Merlin

UHF RFID Cross Dipole

RFID GLOBAL by SOFTWORK

RFID

"*Power of RFID*"

INTRODUCTION

The Nordic ID Merlin UHF RFID Cross Dipole provides the fastest and the most accurate RFID reading for up to 20 hours with a single charge. It redeems the full potential of RFID.

With the innovative Cross Dipole antenna, which makes the orientation of the RFID tags irrelevant, the tags can be read from a distance of over four meters.

Setting up the Nordic ID Merlin Cross Dipole UHF RFID is simple and cost-effective. The intuitively operated Windows interface requires little training, immediately enabling you to work with the new system. The illuminated colour display can be controlled with a touch pen or your finger and it ensures good readability under all light conditions.

HIGHLIGHTS

- Most accurate RFID reading
- Up to 8 meters reading distance
- Fast data collection
- Large, clear and sharp colour display
- Full day RFID use with a single charge
- Top ranked performance
- 2 year warranty

UHF RFID	BARCODE	GPS	WLAN	BLUETOOTH	3G
500 mW Cross Dipole antenna	LASER	Assisted GPS	802.11 b/g WPA2	2.0 + EDR Class 2	UMTS / HSDPA 900/2100 MHz

FASHION RETAIL RFID PAYS FOR ITSELF IN 24 MONTHS

Gerry Weber, a Germany-based fashion retailer, needed increased efficiency in inventory and stock taking, and a remedy for transportation shrinkage and stock-outs.

The requirement of high mobility, fast and accurate reading and a long lasting battery made Nordic ID Merlin Cross Dipole UHF RFID the best choice for Gerry Weber´s RFID rollout. The innovative cross-polarizing antenna makes the device capable of reading tags both vertically and horizontally. The mobile computers are used in goods receiving and inventory management at about 150 stores.

Thanks to a complete RFID integration throughout the whole supply chain and store-wide inventories performed twice every week, Gerry Weber has achieved an impressing inventory accuracy of 99%. They have identified four main areas where RFID is helping to reduce costs; lower shrinkage and higher transparency, faster goods in, more sales and lower security costs. Besides from saving money, Gerry Weber has achieved their main goals of increased speed and precision allowing employees to focus on serving customer.

APPLICATION AREAS

Nordic ID Merlin UHF RFID Cross Dipole is especially suitable for:

- Inventory / stocktake
- Asset management
- Products search
- Shop floor data management
- Anti-counterfeit
- Waste and markdowns
- Track and trace
- Commissioning
- Loss prevention

nordicidmerlin

RFID GLOBAL by SOFTWORK

RFID

NORDIC ID

Merlin

UHF RFID

HIGHLIGHTS

"State-of-the-art mobile RFID"

INTRODUCTION

The Nordic ID Merlin UHF RFID combines identification and communication technologies for professional use. The mobile computer offers ease of use with the individually lit keyboard guiding the user, superior ergonomics and a clear display that enables both in- and outdoors operation.

With innovative UHF RFID technology the Nordic ID Merlin UHF RFID combines high reading performance with the ability to write tags. Nordic ID Merlin UHF RFID can process either individual or a group of tags at a distance of up to 2 meters.

Setting up the Nordic ID Merlin UHF RFID is simple and cost-effective. The intuitively operated Windows interface requires little training, immediately enabling you to work with the new system. The illuminated colour display can be controlled with a touch pen or your finger and ensures good readability under all light conditions.

- Powerful RFID and barcode reader
- Configurable platform
- Large, clear and sharp colour display
- Individually lit keys

- Light weight
- Single-hand operation
- Full day use with a single charge
- 2 year warranty

UHF RFID	BARCODE	GPS	WLAN	BLUETOOTH	3G
linear antenna	LASER or 2D IMAGER	Assisted GPS	802.11 b/g WPA2	2.0 + EDR Class 2	UMTS / HSDPA 900/2100 MHz

MAKING TRACKING IN HARD CONDITIONS EASY WITH RFID

Assistor, a provider of complete logistics for vehicles and spare parts in Finland, wanted increased accuracy and efficiency in their operations.

Assistor's operations were based on a legacy barcode and paper tracking-based system that was manually handled by the staff causing time-wasting and errors. The tough winter conditions in Finland – snow and ice covering the cars on the lot, added problems and prolonged the scanning and identification processes. Additionally the process was made more difficult by some manufacturers that did not provide barcodes at all.

Assistor recognized RFID reading as a possible competitive advantage and implemented a solution that includes ERP, forwarding, vehicle taxation, web portal for car resellers, 170 Nordic ID mobile computers and integration between all systems and networks.

Upgrading to RFID technology has resulted in accurate identification and tracking, and reduced processing time. It has made all information available in real-time at the hands of workers and errors have been virtually eliminated. Assistor is now able to handle more cars with the same amount of personnel.

APPLICATION AREAS

Nordic ID Merlin UHF RFID is especially suitable for:

- Asset management
- Pallet tracking
- Track and trace
- WMS

SUPPLY CHAIN

WAREHOUSE

AUTO MOTIVE

TRANSPORTATION

WHOLESALE

HORTICULTURAL

MANUFACTURING

SPECIALTY RETAIL

NORDIC ID

Merlin

HF RFID

"*Easy tracking*"

INTRODUCTION

Nordic ID Merlin HF RFID integrates a powerful HF RFID reader with various options for communication as well as 1D/2D reading.

Nordic ID Merlin HF RFID can read and write tags enabling data transfer from a barcode to an RFID tag conveniently on site allowing the same system to simultaneously use both identification methods. New standards and software updates can be distributed remotely, which ensures support for the future and secures the investment by extending the product's life-cycle.

Setting up the Nordic ID Merlin HF RFID is simple and cost-effective. The intuitively operated Windows interface requires little training, immediately enabling you to work with the new system. The illuminated colour display can be controlled with a touch pen or your finger and ensures good readability under all light conditions.

HIGHLIGHTS

- Efficient, integrated HF
- Single-hand operation
- Large, clear and sharp colour display
- Full day use with a single charge
- Safe investment with a guaranteed 5 years support
- Individually lit keyboard
- 2 year warranty

HF RFID antenna	BARCODE LASER or 2D IMAGER	WLAN 802.11 b/g WPA2	BLUETOOTH 2.0 + EDR Class 2	USB via Charger	ETHERNET via Charger

A CONSTRUCTION COMPANY IMPLEMENTS RFID TO TRACK TOOLS

A construction company, specialised in innovative technical installations and service for the energy supply sector, decided to tag about 92.000 different kinds of tools and assets to increase real–time visibility and efficiency as well as to provide better service to their customers.

The project was conducted by PHI DATA, an AUTO-ID integrator that successfully installed a system that enables reading and keeping track of all incoming and outgoing tools at 10 different depots. Because of the usage of different AUTO-ID methods in different processes, this required a mobile solution that enables reading of both RFID tags and barcodes.

The Nordic ID mobile computers are robust and well performing even in harsh and demanding environments. They are used for association wedge reading when loading all tagged assets to SAP, and as a mobile interface in a variety of processes to collect data to be fed into SAP.

The mobile computers communicate over the Wi-Fi network deployed in all the different sites. A future goal is to also use the wireless network for locating asset containers that are transported in and out of the warehouses.

APPLICATION AREAS

Nordic ID Merlin HF RFID is especially suitable for:

- Asset tracking
- Access control
- Visitor and passenger tracking
- Entrance control

TRANSPORTATION
SUPPLY CHAIN
HOSPITALITY
WAREHOUSE
HEALTH & PHARMA
MANUFACTURING
RETAIL
SPECIALTY RETAIL

nordicidmerlin

RFID GLOBAL by SOFTWORK

RFID

NORDIC ID
Merlin

HF RFID Blade

"Best-in-class HF RFID"

INTRODUCTION

Nordic ID Merlin HF RFID Blade is the most versatile mobile computer for library and laundry applications.

Nordic ID Merlin HF RFID Blade has powerful RFID reading capabilities; a typical reading distance of 30 cm and a fast reading speed. You can read and write HF RFID tags, take stock, look for missing items and track and manage assets.

Setting up the Nordic ID Merlin HF RFID Blade is simple and cost-effective. The intuitively operated Windows interface requires little training, immediately enabling you to work with the new system. The illuminated colour display can be controlled with a touch pen or your finger and ensures good readability under all light conditions.

HIGHLIGHTS

- Up to 1 meter HF RFID reading distance
- Antenna with position adjustment
- Most versatile mobile computer with HF RFID for library inventory

- Light weight
- Large, clear and sharp colour display
- Full day use with a single charge
- 2 year warranty

HF RFID antenna	BARCODE LASER or 2D IMAGER	BLUETOOTH 2.0 + EDR Class 2	WLAN 802.11 b/g WPA2	USB via Charger	ETHERNET via Charger

HF RFID – THE RIGHT SOLUTION FOR YMCA AND AIRBUS

A laundry facility, run by Colomiers YMCA in France that cleans work clothes for aircraft manufacturer Airbus, faced challenges with garment tracking and a constantly growing volume.

The barcode-based system they used before was sufficient for small volumes, but not for the 2,000 pieces of clothing per day that Airbus would be sending through the facility. Nordic ID HF RFID mobile computer, that comes with simple, intuitive controls and a highly usable interface, was chosen for mobile RFID and barcode reading. It is used for identifying or changing the destination (locker room) the clothing is in or headed for, as well as for matching each worker's clothing with the right locker. If an Airbus worker is assigned a new location on the Airbus campus, the information is transmitted to the laundry control system, the tag is rewritten, and the garment in question is delivered to the new location.

The entire RFID implementation cost the YMCA only 200,000 euros and allowed the laundry to reduce the number of steps in processing garments, such as searching for and then scanning garment barcodes, as well as reducing human error.

APPLICATION AREAS

Nordic ID Merlin HF RFID Blade is especially suitable for:

- Library applications
- Laundry applications
- Asset tracking
- Archiving

LIBRARIES

ARCHIVES

LAUNDRIES

SPECIALTY RETAIL

HEALTH & PHARMA

MANUFACTURING

SUPPLY CHAIN

TRANSPORTATION

NORDIC ID

Merlin

"Fast deployable and versatile mobile computer"

INTRODUCTION

Nordic ID Merlin offers a versatile platform of identification and communication for warehousing and retail support.

Setting up the Nordic ID Merlin is simple and cost-effective. The intuitively operated Windows interface requires little training, immediately enabling you to work with the new system. The illuminated colour display can be controlled with a touch pen or your finger and ensures good readability under all light conditions.

HIGHLIGHTS

- Single-hand operation
- Large, clear and sharp colour display
- Full day use with a single charge
- Individually lit keyboard

- Ready-to-use VT emulations
- Light weight
- 2 year warranty

BARCODE	BLUETOOTH	GPS	WLAN	USB & ETHERNET	3G
LASER or 2D IMAGER	2.0 + EDR Class 2	Assisted GPS	802.11 b/g WPA2	via Charger	UMTS / HSDPA 900/2100 MHz

RETAIL RUNS BETTER WITH THE NORDIC ID MERLIN

Kaiser's Tengelmann is a grocery chain in Germany with about 700 branches. They wanted to introduce a new merchandise planning and control system that would make business processes transparent through real-time item-level inventory management.

The Nordic ID mobile computer, that represent the multi-functional interface to the merchandise planning and control system, is optimal for item-level movement of goods, incoming goods, outgoing goods and real-time paperless inventory. Its stable Roaming WLAN, remote maintenance, high availability with minimum failures and software distribution as well as the fast and reliable support that Nordic ID offers in response to service and configuration requests made Kaiser's Tengelmann choose Nordic ID as its provider.

Since the merchandise planning and control system is used for fruit and vegetable products, the BI capability of the mobile computer was particularly important.

All article shifts are recorded in real-time. By keeping the staff informed of the current inventory at any time and on a paperless basis – to the benefit of the customers – the staff is much more present on the sales floor.

APPLICATION AREAS

Nordic ID Merlin is especially suitable for:

- WMS
- Inventory management
- Product information management
- Shop floor data management
- Waste and markdowns
- VT emulations
- SAP support

WAREHOUSE

SUPPLY CHAIN

WHOLESALE

GROCERY

SPECIALTY RETAIL

TRANSPORTATION

MANUFACTURING

FIELD SERVICE

nordicidsampo

RFID GLOBAL by SOFTWORK

NORDIC ID
Sampo S1

"High performance, plug & play RFID reading"

INTRODUCTION

Nordic ID Sampo S1 is a sleek, easy-to-use and mountable UHF RFID reader for interactive read/write applications with adjustable reading range.

The device meets the needs of a global organisation through its EPC Class 1 Gen 2 with multi-regional frequency and DRM support. In addition to the LED indicators the device is also equipped with a buzzer as well as a light sensor and a tapping sensor.

Setting up the Nordic ID Sampo S1 is simple and cost-effective. Features like power over Ethernet (PoE) and power over USB together with multiple mounting options makes the installation of the device extremely easy.

With the Nordic ID Sampo the retail environment has a champion performer that optimizes intuitive use with flat and sleek design, especially suitable for the apparel and fashion industry, while offering fast track to productivity and quick ROI.

HIGHLIGHTS

- High performance UHF RFID
- Adjustable reading range
- Fast and easy software integration
- Flat and elegant design

- Powered by Ethernet, USB or alternative power supply
- Reading can be triggered by light or tapping sensor

UHF RFID circular antenna	**USB & ETHERNET**	**POWER** via USB, Ethernet or power cable	**LED INDICATORS**	**BUZZER**	**TRIGGERS** light sensor tapping sensor

MOUNTED SUCCESS

The apparel and fashion industry, with its tendency to make fast turns regarding product range, needs faster and more accurate feedback on the items sold. A mounted RFID reader connected directly to the POS system feeds information to the databank instantly when an item is sold and this information can be sent further to insure on-time replenishments.

The most important thing is to have a comprehensive information system that is easy to use and cost-effective, while it is able to provide the needed data to all parts. Nordic ID Sampo can be mounted effortlessly on any surface (on/under the counter, on the wall, on shelves or in the ceiling) to serve the in-store data collection needs through its simple LED, trigger and buzzer user interface.

Whether the need is to perform automated work; such as registering "walk-by-products" at entrances and fitting rooms, registering shelf content or to charge the customer's purchases at the checkout counter, the Nordic ID Sampo S1 offers an easy RFID solution.

By combining Nordic ID Sampo fixed readers with mobile computers such as the Nordic ID Morphic and/or the Nordic ID Merlin, a system that enables a steady information flow with faster and more accurate inventory levels can be achieved.

APPLICATION AREAS

Nordic ID Sampo S1 is especially suitable for:

- Point-of-sales
- Self-service kiosks
- Smart displays
- Document tracking
- Access control
- Commissioning
- Inventory management
- Smart shelves
- RFID gates
- EAS

NORDIC ID
RF601

"Easy and real–time data collection"

INTRODUCTION

Nordic ID RF601 stands for superior wireless network range, fast deployment and reliable real-time data.

Because of the good radio coverage, the base stations are easy to install optimally. Site surveys can be carried out using the RF601 handheld terminals even when the RF601 wireless system is in use.

With the free ActiveX control API, 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. While the application is running, the terminal provides a reliable wireless connection to the host system, thus making sure that all information can be accessed at either side.

HIGHLIGHTS

- Real-time data collection
- Fast and easy deployment
- Wide network range
- Light and compact form
- Single-hand operation
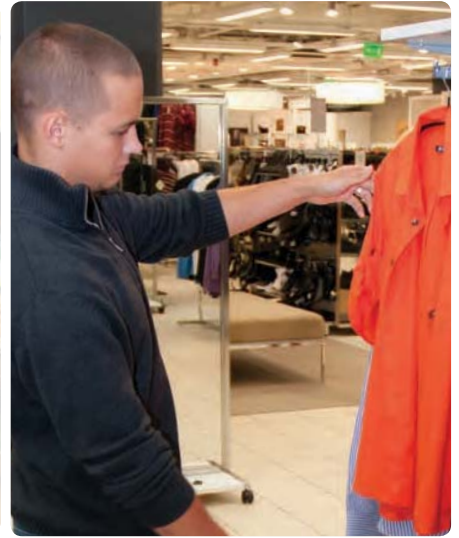- Low cost of ownership
- 2 year warranty

LASER or LONG RANGE LASER	433 MHz NARROW BAND RADIO	THIN CLIENT	FOC ACTIVE X COMPONENT	ETHERNET or SERIAL COMMUNICATION

EFFICIENCY AND ACCURACY WITH REAL-TIME INFORMATION

S-Group is a chain with department stores, groceries, petrol stations and restaurants and a market leader in grocery retail in Finland. S-Group needed a system that provides real-time product and price information to the staff at all times to ensure efficiency, better service and more time for customers.

By installing applications that are divided by business sectors (each sector having approx. 15 functionalities) in the Nordic ID RF601 devices, S-Group achieved a system that provides accurate, secure and real-time information. The most important applications in the Nordic ID handheld devices are inventory management, additional orders, magazine returns, price updates and on-shelf replenishments.

The chosen handheld devices are easy to install and maintain. They allow new applications to be added quickly and cost effectively even for specific campaigns. The devices can easily be exchanged or loaned between outlets. Inventory is always up to date, shelves are frequently filled and information is at hand where it is needed rather than needing to check for it on a computer or a remote stock location.

APPLICATION AREAS

Nordic ID RF601 is especially suitable for:

- Inventory control
- Pricing applications
- Product information management
- WMS
- Customer service
- RIS (retail information system)
- Waste and markdown
- Shop floor data management
- Time and attendance
- Batch / component identification

GROCERY

SPECIALTY RETAIL

WAREHOUSE

HEALTH & PHARMA

WHOLESALE

APPAREL

MANUFACTURING

SUPPLY CHAIN

NORDIC ID

RF651

"Affordable data collection for printing applications"

INTRODUCTION

Nordic ID RF651 is the world's first roaming Bluetooth data collection solution. It also enables fast deployment of printing applications.

Nordic ID RF651 wireless terminal can be used quickly and efficiently to access business-relevant information anytime and anywhere. Due to its light weight (250 g), ergonomic design and low energy consumption, Nordic ID RF651 is operational for a full working day.

The system is easy to install and ready for 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 allow Bluetooth printers or other Bluetooth appliances to be integrated into the system.

HIGHLIGHTS

- Real-time data collection
- Fast and easy deployment
- Roaming Bluetooth
- Light and compact form

- Single-hand operation
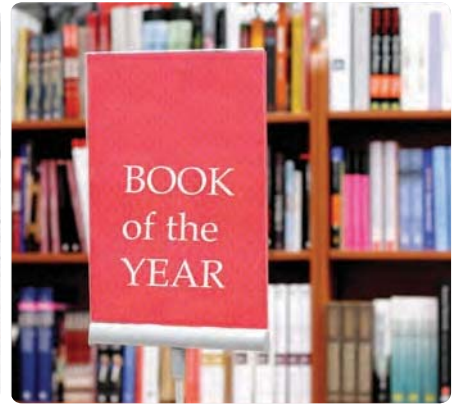- Low cost of ownership
- Easy printing
- 2 year warranty

ROAMING BLUETOOTH	7 CONNECTION (BT DONGLE) or 21 CONNECTIONS ACCESS SERVER	LASER or CMOS	THIN CLIENT	FOC ACTIVE X COMPONENT

THE WORLD'S FIRST ROAMING BLUETOOTH SOLUTION FOR RETAIL

Each year around 70% of the UK's population visit a WHSmith store, with just over 1.2 million people visiting a store each day of the year. WHSmith aimed to making their daily store operations more efficient and the stock replenishments more accurate.

WHSmith selected Nordic ID RF651 handheld devices due to their many benefits such as a long battery life, ease-of-use and an affordable price. Nordic ID RF651 is the world's first roaming Bluetooth solution with extended coverage over Wi-Fi and it is very easy to install and implement.

With software or firmware updates so easy and low-cost to do, WHSmith's Systems Integration Company BTe did not need to write expensive code for the handheld devices, as the thin-client nature of the RF-Series allows development on the host system. From goods-in to stock look-up to shelf-edge ordering to greetings card returns, WHSmith have it covered.

The new system has worked perfectly and WHSmith has been pleased with the after-sales-support offered. The only problem with the system… they would like more handhelds!

APPLICATION AREAS

Nordic ID RF651 is especially suitable for:

- Printing applications
- Inventory control
- Pricing applications
- Product information management
- WMS
- Customer service
- RIS (retail information system)
- Waste and markdown
- Shop floor data management
- Time and attendance
- Batch/component identification

GROCERY

SPECIALTY RETAIL

HEALTH & PHARMA

WHOLESALE

WAREHOUSE

APPAREL

MANUFACTURING

SUPPLY CHAIN

NORDIC ID

INTERNATIONAL HQ
Nordic ID
Myllyojankatu 2 A
24100 SALO, FINLAND
tel. +358 2 727 7700
fax +358 2 727 7720
info@nordicid.com
www.nordicid.com

UNITED KINGDOM
Nordic ID Ltd
Clifford Mill, Clifford Chambers
Stratford-upon-Avon, Warwickshire
CV37 8HW, UNITED KINGDOM
tel +44 1789 294 799
fax +44 1789 294 739
sales@nordicid.co.uk
www.nordicid.com

GERMANY
Nordic ID GmbH
Herforder Straße 195
33609 Bielefeld, GERMANY
tel +49 521/557717-0
fax +49 521/557717-10
info@nordicid.de
www.nordicid.de

BENELUX
Nordic ID
Europalaan 16, Postbus 757
NL-2400 Alphen aan den Rijn
THE NETHERLANDS
tel +31 172 233 097
fax +31 172 475 653
info@nordicid.nl
www.nordicid.nl

NORTH AMERICA
Nordic ID Inc.
110 Habersham Drive
Fayetteville
GA 30214
UNITED STATES
tel. +1 678 982 2598
sales@nordicid.com
www.nordicidstore.com

Also visit our RFID discussion arena: **www** ▶ www.rfidarena.com