

COMPLETES THE SMARTNESS

Meet the Nordic ID EXA31 – the compact and lightweight UHF RFID reader that is easily connected to any Smart Device via Bluetooth low energy. Its compact ergonomic design make on-the-go / in motion data collection tasks easier and more comfortable.

The Nordic ID EXA31 can be fastened in various ways, even allowing you to keep your hands free so you can fully concentrate on work tasks. This UHF RFID reader is an ideal fit for picking operations and access control management solutions that require the use of both hands.

Nordic ID EXA31 offers optimal read ranges for your specific use cases.



| RFID IDENTIFICATION | |
|------------------------|--|
| Supported standard | ISO 18000-63 (EPC Class 1 Gen2v2) AES authentication in accordance with ISO/IEC 29167-10 supported |
| Frequency | ETSI 865.6–867.6 MHz or FCC/IC 902–928 MHz |
| RF radiated power | 160 mW ERP |
| Antenna features | Circular polarization Reading range up to 2 m / 6.6 ft |
| Typical reading speed | 200 tags per second |
| BARCODE IDENTIFICATION | |
| 2D imager | All major 1D barcodes and 2D codes High visibility LED aimer 2 character pre and post fixes, padding, replacement Enhanced aiming mode (automatic switching between scan line / aiming dot) Configurable scan alert sounds |
| PLATFORM | |
| RFID | Nordic ID NUR-05WL2 reader module |
| Operating system | Embedded IoT platform |
| USER INTERFACE | |
| Keys | Power, Connect and Trigger button |
| User feedback | 3 LEDs, buzzer and haptic |
| COMMUNICATION | |
| Wireless PAN | Bluetooth 4.2 (Low Energy) Class 2 Supported profiles: GATT, HID |
| POWER | |
| Battery | Rechargeable, removable Lithium-Ion battery pack 1200 mAh, 3.7 V Usage time up to 8h |
| Charging | Charging over micro USB connector (0 to 100 %) 4 h |
| External power supply | USB charger (sold separately) |

PRODUCT HIGHLIGHTS

- Compact and lightweight UHF RFID reader
- Easily connect any smart device to the RFID reader via Bluetooth low energy
- Can be fastened so that both hands remain free for work tasks
- Long operating time with a single charge
- Nordic ID Smart Pair for effortless connectivity

SUPPORTED OPERATING SYSTEMS

- Android 5.0 or newer
- iOS 9 or newer
- Windows 10 (UWP)
- Wear OS 1.0 or newer

Note: Bluetooth Low Energy must to be supported by host device

SOFTWARE DEVELOPMENT ENVIRONMENTS

- Android Studio
- Apple Xcode
- Source code available at: <https://github.com/NordicID>
- Xamarin SDK available

SERVICE AND SUPPORT

- Free support during and after 2 year warranty time
- Maintenance service and extended maintenance contract
- Software customization and development support
- Technology, product and integration training
- Technology and project consultation
- Project management services



Zapraszamy do kontaktu!
Więcej informacji: www.kreski.pl

| SIZE AND WEIGHT | | | |
|----------------------------|---------------|---|----------------|
| Dimensions | | (H) 77 x (W) 48 x (D) 24 mm (H) 3.0 x (W) 1.9 x (D) 0.9 inch | |
| Weight | | 75 g / 2.65 oz | |
| DROP AND SHOCK | | | |
| Drop and impact resistance | | 1.5 m / 4.9 ft | |
| ESD | Contacts | +/- 4kVdc | |
| | Air discharge | +/- 8kVdc | |
| ENVIRONMENT | | | |
| Temperature | Operating | -10 to +55 °C | -4 to +131°F |
| | Storage | -10 to +60 °C | -4 to +140 °F |
| | Charging | 0 to +45 °C | +32 to +113 °F |
| Relative humidity | | 10 % to 95 % non-condensing | |

WARRANTY

- 2 year warranty
- Free technical support during and after 2 year warranty



Nordic ID reserves the right to make changes to the information on this data sheet without prior notification. Availability of product variants may vary regionally. Please contact a Nordic ID representative for clarification on specifications and variants.



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