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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.

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	160mW 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, 3.7V 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

Note: Bluetooth Low Energy must be supported by host device

SOFTWARE DEVELOPMENT ENVIRONMENTS

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

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

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	
Inbox content		Nordic ID EXA31 (battery included) and documentation	

All information is subject to change without prior notice. Availability of product variants may vary regionally.

WARRANTY

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

