EXA21 datasheet

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PRODUCT VARIANTS







UHF RFID | Bluetooth | Windows 10 | Android | iOS | Wear OS

RFID IDENTIFICATION	
Supported standard	ISO 18000-63 (EPC Class 1 Gen2)
Frequency	ETSI 865.6–867.6 MHz or FCC/IC 902–928 MHz
RF radiated power	25 mW ERP
Antenna features	Circular polarization Reading range up to 0.5 m / 1.6 ft
Typical reading speed Up to	200 tags per second
PLATFORM	
RFID	Nordic ID NUR-0W1 reader module
Operating system	2nd generation embedded IoT platform
Sensors	Time of flight sensor (optical trigger)
USER INTERFACE	
Keys	Power and Trigger buttons
Sensor	Proximity detection (ToF)
User feedback	RGB LED
CONNECTIVITY	

Wireless PAN	Bluetooth 5.0 (Low Energy) Class 2 Supported profiles: GATT,HID Secure Bluetooth pairing supported (using PIN)		
Pan	USB 2.0 via USB Type-C connector		
POWER			
Battery	Rechargeable, non-removable Lithium-Ion battery pack 660 mAh, 3.7 V		
External power supply	Standard USB Type-C charger		
SIZE AND WEIGHT			
Dimensions	(H) 55 x (W) 52 x (T) 11.5 mm (H) 2.2 x (W) 2.0 x (D) 0.5 inch		
Weight	36 g / 1.27 oz		
DROP AND SHOCK			
Drop and impact resistance	1.5 m / 4.9 f		
ESD Contacts Air discharge	+/-4kVdc +/8kVdc		
ENVIRONMENT			
Temperature	Operating Storage Charging	-20 to +55 °C -20 to +60 °C 0 to +45 °C	-4 to +131°F -4 to +140 °F +32 to +113 °F
Relative humidity	10% to 95% non-condensing		
Environmental sealing	IP54		