

NORDIC ID AR52

Nordic ID AR52 is a fixed reader equipped with 16 external antenna ports which can be individually controlled and adjusted from one central location.

Nordic ID AR52 is designed for use cases where special antenna solutions are needed, such as locations with metal racks and shelves.



 **UHF RFID**
 **WLAN**
 **Ethernet**
 **USB**
 **ETHER-NET PoE/**
 **LED indicators**

UHF RFID	
Supported standard	ISO 18000-63 (EPC Class 1 Gen2 V2) AES authentication in accordance with ISO/IEC 29167-10 supported
Frequency band Regulatory	ETSI 865.6-867.6 MHz or FCC/IC 902-928 MHz CE ETSI EN 302 208, CE ETSI EN 301 489, FCC part 15.247 IC RSS-210, Safety IEC 60950-1
Typical reading speed	200 tags/ sec in DRM-mode
Conducted RF power	30 dBm (1 W)
External antenna port	16 pcs. 50 Ω / SMA Female
USER INTERFACE	
Indicators	4 pcs (programmable) leds: Power, Communication, RFID on, and Error
CONNECTIVITY	
LAN PAN	Ethernet 10/100 Mbit
Wireless LAN (optional)	IEEE 802.11 b/g/n
POWER	
External Power Supply	PoE 802.3af or 240/110 V AC/DC adapter
Operating Power	8W PoE, 6.5W DC
SIZE AND WEIGHT	
Dimensions	(L) 210 x (W) 121 x (H) 31 mm / (L) 8.3 x (W) 4.8 x (H) 1.2 inch
Weight	690 g / 24 oz
ENVIRONMENT	
Operating Temperature	-20 to 55 °C -4 to 130 °F
Storage Temperature	-40 to 85 °C -40 to 185 °F
Mounting	Detachable mounting bracket with VESA 75
SOFTWARE INTERFACE	
Software Applications	RFID Configurator software for configuring the reader, RFID Demo
Software development	Ready-to-use Nordic ID NUR API that provides full control over the reader in various Windows, Linux and Android OS environments Applications can be written in C/C++, .NET and Java languages Compatible with existing Nordic ID fixed readers

- PRODUCT HIGHLIGHTS**
- One reader covering several different reading solutions (shelf, locker, tables, ports etc.)
 - No need for additional antenna multiplexers
 - Each of 16 external antenna ports can be separately controlled and adjusted from one place

- ENVIRONMENT**
- 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

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

