

nordic^{id} AR82

Smartness Everywhere

Nordic ID AR82 is a fixed 16 port reader with a computer inside and multiple connectivity options. It provides powerful UHF RFID performance with highly isolated external antenna ports that prevents cross readings, making it ideal for shelf reading.



Highlights

- Smart fixed area reader for automated UHF RFID data collection
- Enables real-time visibility of tagged items
- Integrated Linux based computer for versatile SW development options
- Cutting edge UHF RFID reading sensitivity and reading speed
- Versatile communication options
- Improved isolation between antenna ports to avoid cross readings

Specifications

- Product number: 515449
- Dimensions: 8.3" L x 4.8" W x 1.2" H
- Weight: 1.5lb
- Typical reading speed: Up to 1000 tags/s
- External antenna port: 16 pcs. 50 Ω / SMA Female
- CPU: 1.2GHz 64-bit Quad-Core Cortex-A53 processor
- Operating system: Debian based embedded Linux
- Memory: 1 GB RAM, 4GB flash
- Data management: Nordic ID Radea

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

Software Development

- Ready-to-use Nordic ID NUR API
- Compatible with existing Nordic ID fixed readers



UHF RFID



WLAN



Ethernet



USB



3G



PoE/



LED indicators



Linux