Smartness above everything

The Nordic ID AR85 fixed area reader brings powerful, automated UHF RFID performance with multiple connectivity options.

This fixed area reader contains Nordic ID NUR2-1W module and sophisticated antenna solution that allows to cover up to 120 m² of floor space at a reading speed of up to 1000 tags/s. Now even hard-to-read tags will be easier to detect. Thanks to its integrated computer 3rd party applications can be installed and run on reader.

Nordic ID AR85 is ideal for efficiently monitoring a designated area.

### PRODUCT HIGHLIGHTS
- Smart fixed area reader for automated UHF RFID data collection
- Enables real-time visibility of tagged items and detecting location and movement
- Integrated Linux based computer for versatile SW development options
- Cutting edge UHF RFID reading sensitivity and reading speed for reliable UHF RFID detection – even of hard-to-read tags
- Improved to minimize interferences of close by readers
- Can be utilized as WLAN access point

### SERVICES 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

### SUPPORTED OPERATING SYSTEMS
- Compatible with Nordic ID Radea
IP Address configuration | IPv4/IPv6 DHCP or Static IP

**POWER**

External Power Supply | PoE 802.3af or 240/110 V AC/DC adapter

Operating Power | 12W PoE, 20 W DC  
Note! Wireless LAN and WAN disabled in PoE use

**SIZE AND WEIGHT**

Dimensions | (W) 405 x (L) 405 x (H) 68 mm / (W) 15.9 x (L) 15.9 x (H) 2.7 mm

Weight | 2.4 kg / 5.3 lb

**ENVIRONMENT**

Environmental sealing | IP20, for indoor use only

Inbox content | Nordic ID AR85 and installation kit (power supply not included)

Operating Temperature | -20 °C to 55 °C (-4 to 130 °F)

Storage Temperature | -40 °C to 85 °C (-40 to 185 °F)

Mounting | VESA 75/100 Compatible

**SOFTWARE INTERFACE**

Firmware update | Via Web management UI and the RESTful service

Management interface | Web management UI and SSH for developers

API support | NUR API for RFID and RESTful service to access reader configuration

Other protocols | LLRP

Software development | Ready-to-use Nordic ID NUR API that provides full control over the reader  
Application can be written with modern programming languages  
Compatible with existing Nordic ID fixed readers

**BEAM PATTERN**

| tag coordinate available | tag coordinate not available |

---

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