

uPASS Access Hands-Free Reader

PRODUCT DESCRIPTION

uPASS Access is a ground-breaking UHF reader for hands-free building access. It can read access badges at distances of up to 2 metres. A person wearing a Nedap UHF credential on a lanyard can be automatically identified by the uPASS Access reader without the need to present the card to the reader. uPASS Access is the perfect access control solution for doors that require both convenience and security.

The compact reader fits door mullions and integrates with Nortech access control systems.

The built-in high intensity LED provides the user with visual feedback that the tag has been read or authorised. The LED and beeper functionality can be controlled by the access control panel.

KEY FEATURES

- Consistent reading at up to 2m
- Operates with passive UHF cards
- EPC Gen 2 compatible
- Patented antenna technology
- Small slim line mullion-mount design
- IP65 rated housing
- Combination cards support latest card technologies



ISO Card



SPECIFICATIONS

Electrical

Supply Voltage: 12 to 24V DC +10% (linear supply recommended)
 Current consumption 1A @ 12V DC, 0.5A @ 24V DC

Physical

Dimensions 150 x 50 x 40 mm (W x H x D)
 Weight 0.5 kg
 Housing Aluminium chassis with polycarbonate cover
 Protection IP65
 Operating temperature -30 to +60°C
 Mounting Mullion/Wall mounting

Inputs/Outputs

Input 2 x TTL digital inputs for LED control (RED/GREEN), 1 xTTL digital input for beeper control
 Output Wiegand or Clock & Data (depending upon programmed tag format)
 Cable length Wiegand 150m. 22AWG

Operational

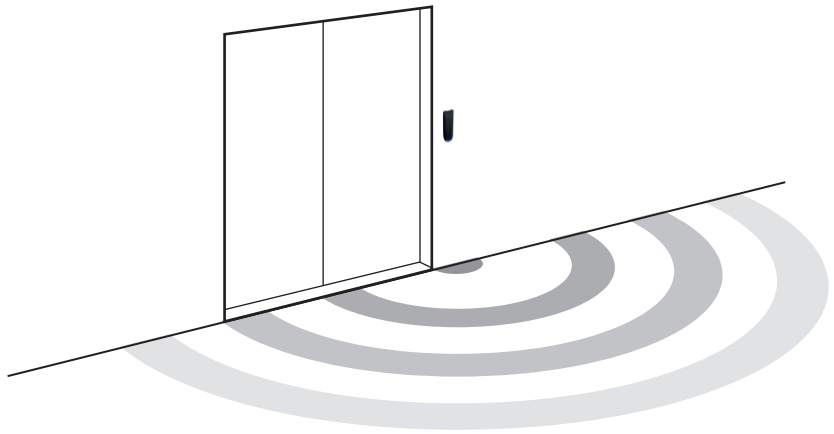
Operating frequency 865 - 868 MHz
 Detection range Up to 2 metres with passive uPASS UHF tags

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Application

The uPASS Access reader is designed for hands-free door access in applications such as:

- Access for staff in hospitals, office buildings and warehouses
- Convenient door access for disabled personnel
- High volume entrances in office buildings, universities, factories
- Peripheries of sites
- Reception areas with automatic doors or turnstiles
- Entrances to apartment complexes



A long range passive UHF card visible in direct line of sight will be identified at up to 2 metres. Card orientation freedom is guaranteed by the uPASS Access patented antenna design. A person wearing a Nedap UHF credential on a lanyard can automatically be identified by the uPASS Access reader without the need to present the card to the reader.

Ordering Information

- 9958240** uPass ACCESS. Hands-free reader with identification at up to 2 metres.
- 9943943** Long range UHF tag in ISO card format. Programmed with secured customer specific ID number.
- 9942343** UHF - Mifare 1K Card. Credit card sized ISO credential with combined UHF and HF Mifare 1K technologies.
- 9943960** UHF - Legic Advant Card. Credit card sized ISO credential with combined UHF and HF Legic technologies.
- 9942360** UHF - EM4102 Card. Credit card sized ISO credential with combined UHF and LF EM4102 technologies.