MACE READER MM (QR)*

people identification reader for smartphones



KEY FEATURES:

- Enables use of smartphones to identify people
- Supports NFC, Bluetooth Low Energy, proximityand smartcard technology and (optionally) QR
- Operates with any access control system
- Combines convenience and security
- Easy set up

Nedap MACE is a platform that allows any access control system to use smartphones as access credentials. The platform consists of a cloud based service, readers and apps.

MACE apps can receive and contain multiple virtual identity credentials. These credentials are presented to MACE readers using NFC, Bluetooth Low Energy or QR. Virtual identity credentials are sent to the phone in a secured way from the MACE Server. The MACE Server accepts imports from 3rd party access control systems.

MACE Reader MM

Multi technology reader to be used with MACE apps with MACE identifiers. Supports Bluetooth, NFC, smart cards and proximity cards. The reader is small enough to be mullion mounted. The MACE Reader MM is configurable using a free downloadable tool that connects to the USB port. Read range and output can be specified.

MACE Reader MM QR

Multi technology reader to be used with MACE Apps with MACE identifiers. In addition to the MACE Reader MM, this reader includes a QR reader that enables reading QR-codes displayed on a smartphone.

Easy integration

Like all Nedap systems, the MACE Reader MM and MACE Reader MM QR support a variety of well established industrystandard protocols, such as Wiegand, clock & data and serial connections like RS485. This enables seamless integration into any existing or new building access control system.

Applications

The MACE readers are designed to work in any access control applications where smartphones are to be used immediately or in the future. This applies to e.g. building access control applications, parking management systems and even event ticketing systems.

SPECIFICATIONS

Part number9565523 MACE Reader MM 9565531 MACE Reader MM QROperating frequencyBluetooth low energy 2.402 - 2.480 GHz NFC & smartcards: 13.56 MHz Proximity cards: 120 kHzDimensions150 × 50 × 40 mm [5.9 × 2 × 1.6 in]Weight0.5 kg [1.1 lbs]HousingAluminium (Zamak5) chassis with polycarbonate coverColorRAL9006 cover and RAL7016 chassisProtectionIP65 [approx.NEMA4x]Detection rangeBluetooth Low Energy: configurable up to 2m (short), 5m (medium) or 15m (long) NFC, proximity card and smartcards: up to 5cmBarcode scannerQR-code (QR1, QR2, QR micro), aswell as most mainstream 1D and 2D barcodesOperating temperature-30+60°C [-22+140°F]Power1224 VDC (from power-limited UL294 or UL603 Listed power source)Current consumption0.4A@12VDC, 0.2@24VDCInput2 TTL digital inputs for LED control (RED/GREEN) 1 TTL digital input for beeper controlTamper indicationYes, magnetic tamperswitchCableFixed cable length of 5 meters [16.4 ft] included (pigtail)Cable lengthWiegand 150 m [500 ft] 22AWG R5485 1200 m [350 ft] mehn installed properlyInterfacesWiegand, magstripe (clock & data)OutputWiegand, magstripe (clock & data)	echnical information
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