# AP1201 Stand-alone

## Complete controller for 1 door

The AP1201 is an integrated controller and antenna in one, including 1 door relay and 2 inputs. It operates as a basic “stand-alone” access control system for one door. The very compact unit provides comfortable card detection and can hold authorizations for up to 100 badge holders.

- Stand-alone access controller for 1 door
- Detection antenna and controller in one, including relay and inputs
- Suitable for up to 100 access badges
- Only additional lock and power supply needed
- Contains all components for access control
- Surface and flush mounting set
- Authorize and block badges using master badge
- Available in different colours

### The AP1201

The AP1201 is a proximity reader that functions as a stand-alone access control system. The reader is available in a surface mount and a flush mount model. Fronts are available in grey and charcoal.
The AP1201 can also be used in an AEbus. It then operates as an AEOS reader AEpack but with the antenna integrated. In this “network mode” the AP1201 can be combined with any of the other AEOS controllers (such as the AP4801 or the AP8001).

### Contactless reading of access badges

The RF badge reading technology from Nedap makes it possible for the AP1201 to detect your access badge at a comfortable distance (approx. 5 cm). The Nedap detection system is fast, reliable and comfortable.

### Easy operation

One of the badges or key fobs can be programmed as master badge. With this master badge you can authorize (grant access) or block (deny access) other badges. Even a badge that has been lost can be blocked by using the master badge.

### Connection second detection antenna

If you want to apply the AP1201 for access control at an outside door, Nedap advises to connect a second detection antenna (e.g. DC080 or DC130). The AP1201 has an additional input for this. The second antenna can be mounted outside and if necessary be provided with a vandal proof mounting kit. This way, the less vulnerable second antenna is placed outside and the AP1201, with its electronics, can be placed inside, in the secure environment.

### Compatible with AEOS Enterprise

The AP1201 is already prepared for application within the AEOS Enterprise system. You can upgrade to the comprehensive AEOS Enterprise solution with no loss of previous investment, when your system needs to be expanded to a security management system.

### Easy installation

Installation of the AP1201 is very simple. Connection of an electronic lock and a power supply (24 Volt DC) is sufficient. The manual gives a graphical overview of the use and installation of the AP1201.

The AP1201 is an economical and stylish option for customers that are looking for a stand-alone access control solution for multiple (remote) sites with a relatively low number of card holders.

## Technical specifications AP1201 Stand-alone

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| Product number AP1201G | 9842780 (surface mount version, grey) |
| Product number AP1201C | 9942394 (surface mount version, charcoal) |
| Product number AP1201FG | 9855580 (flush mount version, grey) |
| Product number AP1201FC | 9942408 (flush mount version, charcoal) |
| Card credentials | All Nedap FM badges |
| Detection range | Max. 5 cm. |
| Outputs | 1: dry contact (normally open, common, normally closed).<br>• switching voltage: 24VAC, 48VDC<br>• switching current: 1A at 48VDC / 2A at 20VDC<br>• continuous current: 2A (AC and DC) |
| Power | 10VDC – 35VDC. max. 100mA |
| Housing | ABS |
| Dimensions | Surface mount version: 80 x 80 x 32 mm (LxWxH)<br>Flush mount version: 80 x 80 x 27 mm (LxWxH), 11 mm protruding |
| Weight | ~125 grams |
| Temperature | Operating: 0-55°C; Storage -30–65 °C |
| Relative humidity | 10 – 93% non-condensing |
| Protection | Surface mount version: IP54<br>Flush mount version: IP65 |
| Authorizations | Maximum 100 badges or key fobs |
| Authorization profile | Access/ no access |
| Programming | By means of master badge (free of choice) |
| Second antenna | LED (3 colours) for second antenna; 5 x 0,25 mm²; max 50 meters shielded |
| Possible second antenna | DC080, DC130, RefleXS130, RefleXS260, TRANSIT |
| Software | Inclusive |

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