

### AP5001 Touch screen display unit



- Versatile touch screen module
- Direct interaction with system functionality
- Seamless AEOS integration
- Configurable menu texts & layout
- Fully configurable application & functionality
- Timeless design, suitable for all environments

*The AP5001 is the fully configurable touch screen module with which users can communicate directly with the AEOS security management system. Via the AP5001, badge holders can use a menu, direct an aspect of system functionality or read a message. It is an integral part of the AEOS system and, because it can be linked to such functionalities as intruder detection or activation/deactivation of alarm systems, it can be deployed for a wide variety of access control purposes.*

*The AP5001 offers an extremely flexible access control solution that you can configure exactly to match your required user functionality for a specified entrance.*

#### **An interactive access control solution**

With the AP5001, the user can personally configure aspects such as the user menu for the touch screen and the associated functionality. This represents a great advance on traditional systems that can only cater for fixed displays for specific system modules.

The AP5001 replaces the traditional push-button panel with a flexible and configurable alternative.

#### **Versatility**

The AP5001 even makes it possible to combine software functionalities, according to the requirements at a specific location. For example, the AP5001 can display a message if an unauthorised badge is presented, requiring the badge holder to report at the reception.

It is also possible to use the AP5001 to display messages to alert the user to a problem or to give instructions.

Furthermore, the AP5001 can also be set to present a configurable menu. Each menu gives no less than five choices for controlling a functionality or displaying a submenu. These menus can be operated by the user via the touch screen.

If you decide to use the touch screen for entering PIN numbers, the keyboard can be set up randomly so that the keys are displayed in a different order each time. This helps to prevent unauthorised persons from deducing the number that is entered from a fixed key layout. The AP5001 can also centrally monitor and indicate the number and locations of free parking spots, based on the registered number of vehicles entering.

In other words, the customer has complete freedom in deciding in which function the AP5001 is to be used as a communication module. Allocating the desired functionality to the AP5001 is quite simple, and is done by the use of software components.

#### **Behaviour components**

Like other AEOS modules, the AP5001 is controlled by software components known as 'behaviour components'. This makes it possible to fine-tune its behaviour to the wishes of the user. If the situation changes, you can change or add hardware modules and behaviour components (embedded software) immediately and without any problems. That means you need never invest in hardware or functionality that will not be used.

**See overleaf for technical specifications →**

### Status indication and self-testing

All the relevant status information is displayed internally with LED indicators. This enables you to check the status and operation of the AP5001 at a glance.

Furthermore, the AP5001 is equipped with the ALT mode, a local self-testing functionality used to check, for example, the calibration of the touch screen. This makes it possible to check that everything is properly connected and working, even when the network connection is down. After completing the local self-test, AP5001 automatically returns to operational mode.

### Reliable status checks and reports

AEOS can constantly check the operational status of all entrances and exits. Any unforeseen changes can be signalled immediately by means of an alarm. The system can record and subsequently display various events, such as short circuits and attempted sabotage.

Technical specifications		AP5001
<b>Product number</b>		9808760
<b>Housing</b>		Steel en plastic
<b>Dimensions</b>		21 x 21 x 5,5cm (L x W x H)
<b>Weight</b>		1.650g.
<b>Temperature</b>		Operating temperature: 0 – 55°C; storage: 0 – 65°C
<b>Power consumption</b>		Max. 150 mA
<b>Cabling</b>	<b>AEbus</b>	Max. 5m, or up to 300m with insulated AEbus
	<b>AEbus cable</b>	2 x 2 x 0,5mm <sup>2</sup> , shielded
	<b>Contacts &amp; sensors</b>	Max. 100m, n x 0.25mm <sup>2</sup>
<b>Input ports</b>		Two, monitored, freely definable, intended for potential free contact
<b>Output ports</b>		Two, with configurable functions

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