SIEMENS

ADX5160

cabinet

SiPass
integrated

- **Wall housing with pre-assembled SiPass components**
- **Equipped with two Dual Reader Interface (DRI) modules and one power supply unit**
- **Extendable with additional components**

The ADX5160 is a wall housing which includes all basic components of the SiPass Access Control System.

It is equipped with two DRI modules and one power supply unit. In addition, the ADX5160 provides additional assembly space to add further SiPass components, two batteries for uninterrupted power supply operation and an additional power supply.

The wall housing itself consists of a base plate where all components are pre-assembled and a metal cover. The architecture of the housing supports an easy and quick installation. As the two DRI modules are already pre-assembled, only the connection to the power supply unit and access readers has to be established. An integrated tamper contact prevents the housing from unauthorized manipulations.

Features

- Pre-assembled SiPass wall housing
- Equipped with two DRI modules and one power supply unit
- Simple and quick installation
- Expandable with additional SiPass components
- Tamper protected metal housing
- Accessory kit for assembly

Description

The ADX5160 is a metal wall housing which includes two Dual Reader Interface (DRI) modules and a power supply unit. Both DRI modules are already pre-assembled and wired with the power supply unit.

The architecture of the housing and the included accessory kit allow simple and quick wall fastening. As all modules are pre-assembled only the connection to the power supply and access readers has to be established. The housing disposes of cable passages with strain relief which allow an easy wiring with external connection points.

Additional assembly space in the housing gives you the possibility to extend the system with extra SiPass components for fulfilling all your needs. Depending on the extensions an additional power supply might be required. In this case, the power supplies will then operate in a master-slave mode.

An integrated tamper contact ensures that if the housing is opened illicitly, a configurable alarm message will appear within SiPass.

Possible configurations

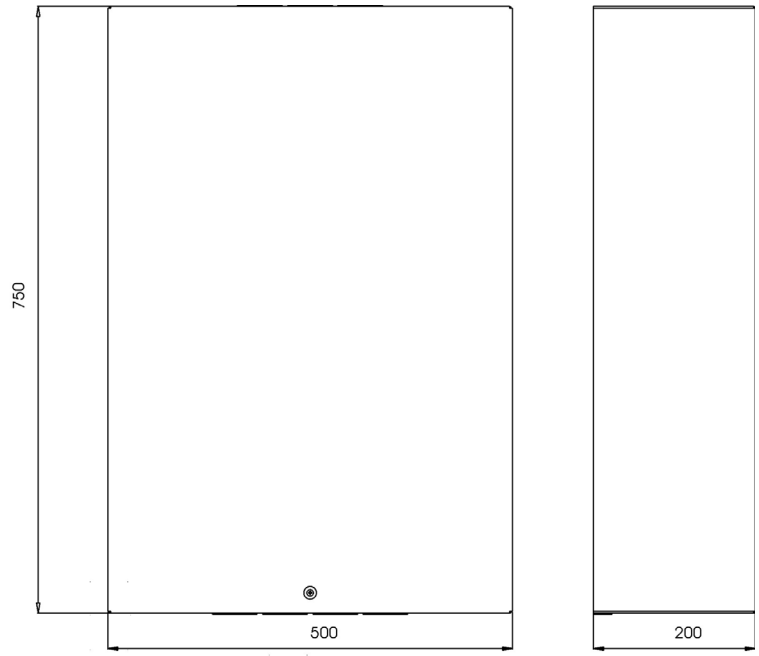
Possible configurations at max. power consumption of the components:

Device	**Number of devices**					
Power pack(s)	1	1	1	1	2	2
ADD5100	4	3	5	1	6	6
AFI5100	0	1	0	0	1	2
AFO5100	1	0	0	2	1	0

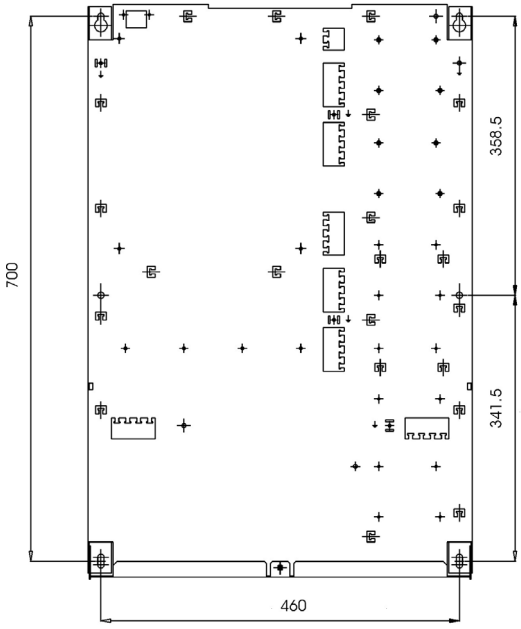
Tab.1 Number of devices that can be connected

Please note that the max. power consumption of the system (readers, door openers) must be taken into account when planning your system configurations.

Dimensions (in mm)



Housing cover



Base plate

Electrical	
Power supply connection	230 V AC, +10 to -15%, 50 Hz
Nominal current	1,3 A
Supply voltage	24 V DC
System, incl. battery charging current	max. 5 A per 150 W-power supply
Capacity of battery	max. 25 Ah per battery
Power consumption[1]	
ADD5100[2]	max. 25 Watt
AFI5100	max. 50 Watt
AFO5100	max. 10 Watt

Power pack	
Fastener	DIN rail mount TS35
Power supply connection	Spring terminals, max. 1.5 mm^2
Output and signal clips	Spring terminals, pluggable, max. 2.5 mm^2

Operating conditions	
Max. permissible ambient temperature	0 to +50 °C
Protection rating (EN60529)	IP30
Rel. humidity	F (< 95%)
Environmental class	II

Design	
Cabinet dimensions (W x H x D) in mm	500 x 750 x 200
Color	RAL 7035, light gray
Material	Steel sheet

[1] For additional technical data please refer to the data sheet for each module.
[2] Replaces type description RIM-010

Scope of supply

- 1 x Installation instruction
- 1 x Accessory kit
- 1 x Wall housing consisting of base plate and cover
- 2 x Reader Interface Module ADD5100
- 1 x Power supply 24 V/150 W

All mentioned hardware components are pre-assembled.

Details for ordering

Type	Part no	Designation	Weight
ADX5160	6FL7820-8CA17	ADX5160 cabinet	18.7 kg
Power supply	V24230-Z6-A2	24 V/150 W	1.2 kg

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