



AKN4110-MX / AKN4210-MX AKN4120-MX / AKN4220-MX Dual Reader Controller Kits

SiPass
networked

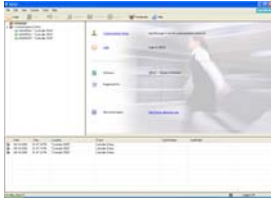
- **Easy installation**
- **Supervision and control of up to 16 doors**
- **With proximity / vicinity reader 13,56 MHz technology**

The Dual Reader Controller Kit is part of the «SiPass networked» product family.

«SiPass networked» is a networked access control system for up to 16 readers. The network allows the configuration and maintenance from a single PC. The access control is locally made by each Dual Reader Controller, which each controls up to 2 readers for 1 or 2 doors.

«SiPass networked» convinces by an easy installation for both hardware and software. The software is able to manage up to 500 persons. It provides also up to 12 programmable time schedules and up to 19 programmable holidays. «SiPass networked» also offers an intuitively usability of the software. «SiPass networked» can be smoothly upgraded to «SiPass integrated» .

Software



- Compatible with Windows 98/ME/NT4/2000/XP
- Connection of up to 8 Dual Reader Controllers
- Administration of up to 500 cardholders
- No specific rights required for the installation
- No software licensing
- Serial communication with the Dual Reader Controllers (e.g. Com1)

Dual Reader Controller



- Plug & Play (Controller und Siemens reader)
- Access control without PC
- Live events on PC when software online
- Remote programmable including automatic firmware upgrade
- One controller supports one or two doors
- Supports an entry and / or exit reader in one door mode
- Card & PIN or card only modes
- Daily code mode on time schedule
- Released door on time schedule
- Door frame contact input for each door lock
- Request-to-Exit input for each door
- Tamper input for controller housing (factory pre-mounted)
- Potential free relay output for each door
- Readers and I/O power supply
- Battery backup capability
- Up to 500 unique cardholders
- Up to 12 programmable time schedules
- Up to 19 programmable holidays
- Buffered audit trail 500 events in a ring

Readers AR618x-MX



- Proximity / Vicinity reader
- Square reader design
- 13,56 MHz technology
- The following card technologies are supported:

ISO14443-A:

- Mifare 1k und 4k (UID, S/B, MAD)
- Mifare UltraLight (UID, B)
- Mifare DesFire (UID, B)
- my-D proximity (UID, B)

ISO14443-A+B:

- my-C (UID)

ISO15693:

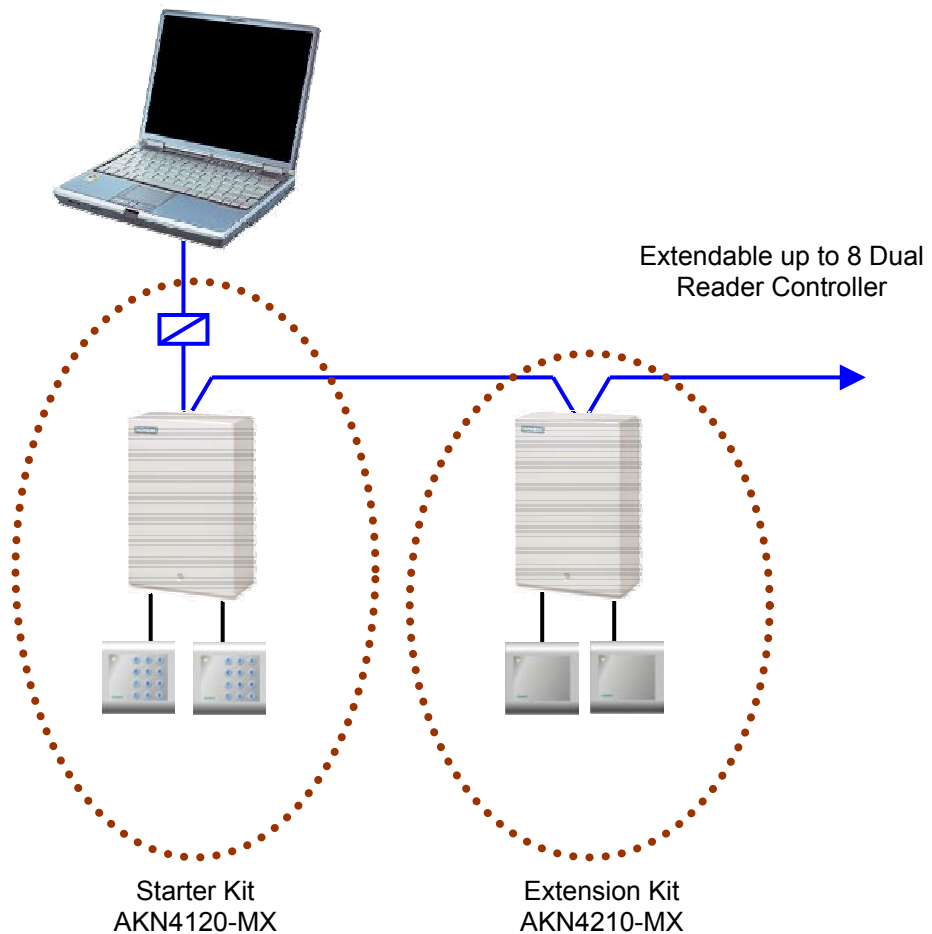
- my-D vicinity (UID)
- I-Code SLI (UID)
- Tag-IT HFI (UID)
- LRI512 (UID)

UID: unique serial number, S/B: Data from Sector/Block

B: Data from Block, MAD: Mifare Application Directory

- Up to 7 cm read range, depending on mounting environment card technology and type

Configuration example



Scope of delivery AKN4110-MX (Starter Kit, readers without keypad)

- 1 Dual Reader Controller
- RS232/RS485 Converter
- Software including documentation (EN/DE/FR/NL/ES)
- 2 Readers AR6181-MX
- 20 Printed Mifare Badges

Scope of delivery AKN4210-MX (Extension Kit, readers without keypad)

- 1 Dual Reader Controller
- 2 Readers AR6181-MX

Scope of delivery AKN4120-MX (Starter Kit, readers with keypad)

- 1 Dual Reader Controller
- 1 RS232/RS485 Converter
- Software including documentation (EN/DE/FR/NL/ES)
- 2 Readers AR6182-MX
- 20 Printed Mifare Badges

Scope of delivery AKN4220-MX (Extension Kit, readers with keypad)

- 1 Dual Reader Controller
- 2 Readers AR6182-MX

Technical Data

Dual Reader Controller

Electrical

Power supply connection	100...240 V AC
Supply voltage	24 V DC
Power consumption	max. 25 VA

Operating conditions

Max. permissible ambient temperature	0 °C to +50 °C
Protection rating	IP20

Outputs

2 Relays	potential free, 2 A / 30 VDC
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Inputs

2 REX-Bottom	internally supplied
2 Door contact	internally supplied
1 Tamper contact	internally supplied


Design

Cabinet dimensions in mm (H x W x D)	300 x 200 x 95
Colour	RAL 7035, light gray
Material	Steel sheet

Standards



Readers AR628x-MX

Power supply	12-24 V DC/AC (9 – 30 V)
Power consumption	Max. 3 W
Interfaces	
RS-485	CerPass reader protocol
Operating temperature	-20 to +60 °C
Keypad	
AR6181-MT	no
AR6182-MT	yes, > 1.000.000 operations
Protection class	IP65
Standards	
Dimensions in mm (h x w x d)	
Without distance frame	91 x 85,5 x 23
With distance frame	91 x 85,5 x 40
Colour	similar RAL9006, white aluminium
Material	PC / ABS plastic (injection moulding), varnish

Details for ordering

Type	Part no	Designation	Weight
AKN4110-MX	6FL7048-8EA02	Dual Reader Controller Starter Kit with 2 readers without keypad	3 kg
AKN4210-MX	6FL7048-8EB00	Dual Reader Controller Extension Kit with 2 readers without keypad	2,5 kg
AKN4120-MX	6FL7048-8EC02	Dual Reader Controller Starter Kit with 2 readers with keypad	3 kg
AKN4220-MX	6FL7048-8ED00	Dual Reader Controller Extension Kit with 2 readers with keypad	2,5 kg
ABP5100-PR	6FL7820-8KA10	Printed Mifare Card x 10 pc.	
ABP5100-BL	6FL7820-8KA20	Printable Mifare Card x 10 pc.	

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