



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

SiPass
networked

- **Easy installation**
- **Supervision and control of up to 16 doors**
- **With Proximity reader 125khz 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



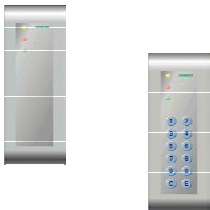
- Compatible with Windows 98/ME/NT4/2000/XP
- Connection of up to 8 Dual Reader Controllers
- Administration of up to 500 cardholders
- No specific rights required for the installation
- No software licensing
- Serial communication with the Dual Reader Controllers (e.g. Com1)

Dual Reader Controller



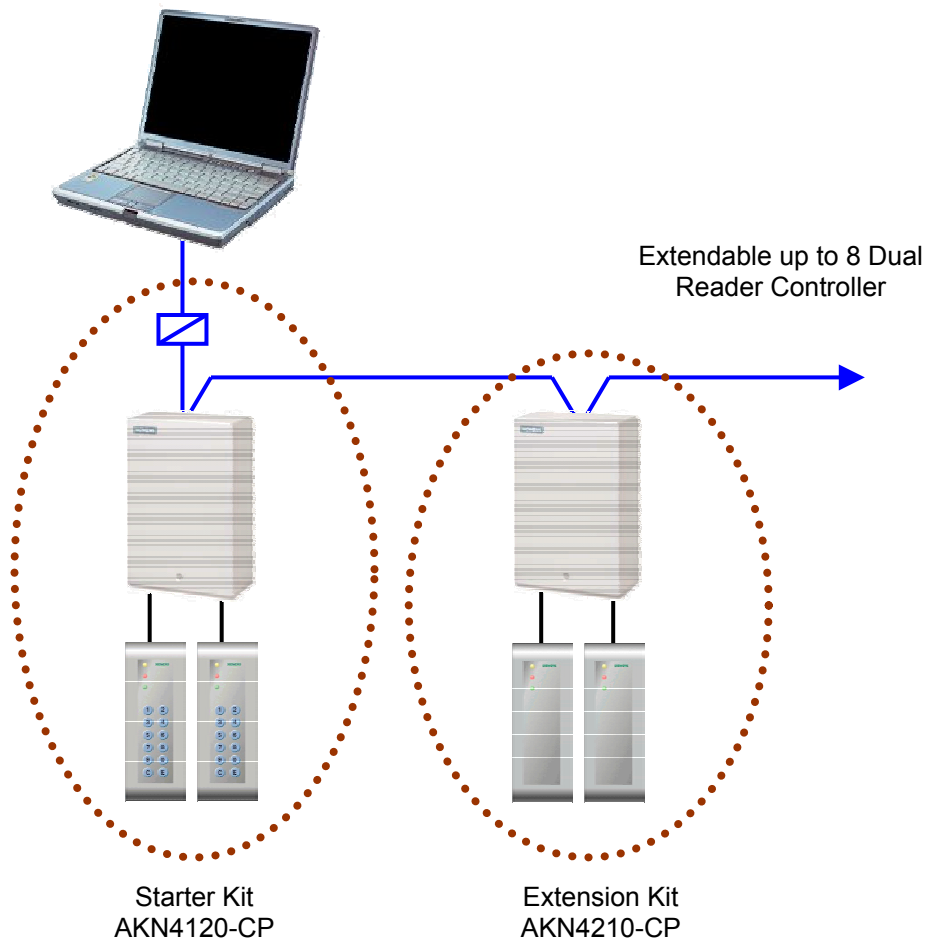
- Plug & Play (Controller und Siemens reader)
- Access control without PC
- Live events on PC when software online
- Remote programmable including automatic firmware upgrade
- One controller supports one or two doors
- Supports an entry and / or exit reader in one door mode
- Card & PIN or card only 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 AR633X-CP



- Proximity reader
- Mullion reader design
- Version with or without keypad
- 125 kHz technology
- Reads the unique serial number of the badge
- Up to 7 cm read range, depending on mounting environment¹

¹ Depending of the used Transponders (Size, Assembly) a decrease of the reader's range is possible.



Scope of supply AKN4110-CP (Starter Kit, reader without keypad)

- 1 Dual Reader Controller
- 1 RS232/RS485 Converter
- SiPass networked Software CD including documentation (EN/DE/FR/NL/ES/PL)
- 2 Readers AR6331-CP
- 20 Printed SiPass Badges

Scope of supply AKN4210-CP (Extension Kit, reader without keypad)

- 1 Dual Reader Controller
- 2 Readers AR6331-CP

Scope of supply AKN4120-CP (Starter Kit, reader with keypad)

- 1 Dual Reader Controller
- 1 RS232/RS485 Converter
- SiPass networked Software CD including documentation (EN/DE/FR/NL/ES/PL)
- 2 Readers AR6332-CP
- 20 Printed SiPass Badges

Scope of supply AKN4220-CP (Extension Kit, readers with keypad)

- 1 Dual Reader Controller
- 2 Readers AR6332-CP

Technical Data

Dual Reader Controller

Electrical

Power supply connection	230 V AC (190...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 AR633x-CP

Power supply	8,5..15V DC
Current consumption	Approx. 80 mA
Interfaces	
RS-485	CerPass reader protocol
Operating temperature	-10 to +55 °C
Keypad	
AR6331-CP	no
AR6332-CP	yes, > 1.000.000 operations
Protection class	
IP54	with gasket on the back side
IP65	with gasket on the back side and gasket for the safety screw
Standards	
Dimensions in mm (h x w x d)	147 x 48 x 30
Colour	similar RAL9006, white aluminium
Material	PC / ABS plastic (injection moulding), varnish

Details for ordering

Type	Part no	Designation	Weight
AKN4110-CP	6FL7048-8BA02	Dual Reader Controller Starter Kit with 2 readers without keypad	3 kg
AKN4210-CP	6FL7048-8BB00	Dual Reader Controller Extension Kit with 2 readers without keypad	2,5 kg
AKN4120-CP	6FL7048-8BC02	Dual Reader Controller Starter Kit with 2 readers with keypad	3 kg
AKN4220-CP	6FL7048-8BD00	Dual Reader Controller Extension Kit with 2 readers with keypad	2,5 kg
ABR5100-PR	6FL7820-8KA10	Printed SiPass Card x 10 pc.	
ABR5100-BL	6FL7820-8KA20	Printable SiPass Card x 10 pc.	
ABR5100-TG	6FL7820-8KA30	SiPass Tag x 10 pc.	

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