SMARTair Updater

Function

The SMARTair Updater creates a virtual online network system without the drawbacks of a cable network but including all of its benefits.

Updates are sent from the SMARTair software to the Updater (online) and are downloaded to the credential when it's presented to the Updater's wall reader. In turn, the credential then updates the escutcheons, wall readers, e-motion and knob cylinders of the system when presented.

The SMARTair Updater allows users to:

• Update credential authorizations without the need to go to the door with the portable programmer
• Register new credentials (users) without the need to go to the door with the portable programmer
• Collect audit trail from credentials
• Manage battery status via the audit trail collected from credentials
• Control doors – the Updater's wall readers can open doors and activate in/out locking

Features of the Updater

• No limitation on the number of users per door
• Registers and deletes users in real time
• Enables recording and viewing of audit trails in the centralized database
• Provides Offline operation in the event of a communication failure (with no user quantity limit)
    - The updater returns to online mode as it detects that communication has been re-established.
• Possibility of connecting a second wall reader to control not only the entrance, but also the exit
• Door indications

Reader module

• With or without keypad
    - RFID only
    - RFID and code
    - Code only
• Read/write contactless chip identification technology RFID 13.56 MHz ISO1443A MIFARE classic 1K and 4K and Ultralight or iClass
• Reading distance:10 mm with standard credentials
• Red and green indication light

Control unit

• Non-volatile memory
• Operating mode:
    - Standard: Default operating mode; authorized credential is required to open
    - First user: The lock goes into passage mode after first access of an authorized credential

Connections

• Power cable
• Ethernet TCP/IP
• PS/2 connector
• VGA connector for a screen (optional)
• Relay (for the wall readers)

Specifications

• Power:
    - Input:100-240VAC, 50/60Hz, 1A
    - Output:7.5V, 1.2A
• Humidity: up to 85% without condensation
• Temperature range: from -10°C to 80°C
• IP54

Dimensions

• 300mm x 300mm x 85mm

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