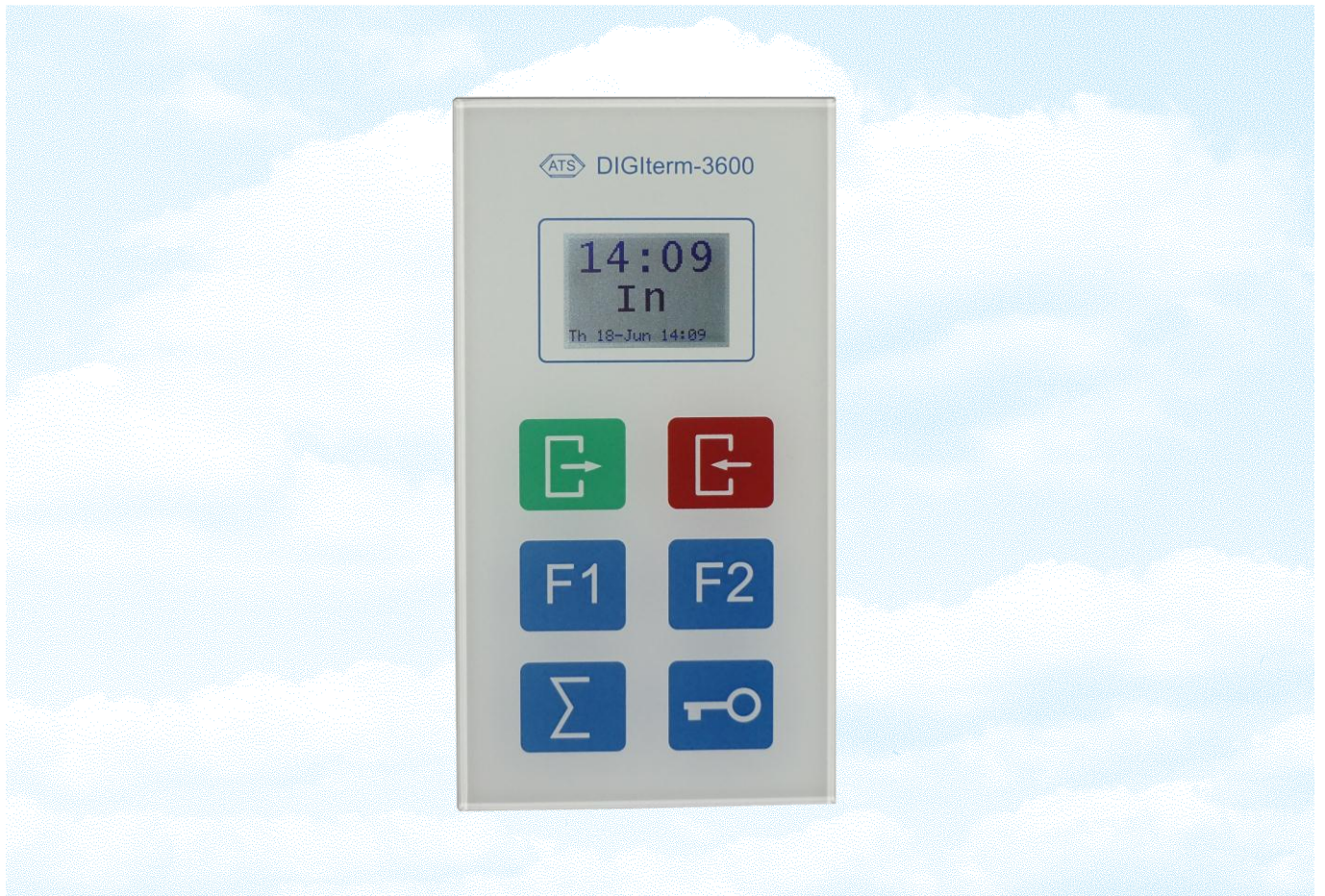


T&A touch terminal

Encrypted prox reader



DIGIcontrol-TD6

- T&A terminal with 6 function keys
- Encrypted Mifare/DESFire reader
- Reading range up to 4cm
- Double light switch enclosure
- Monochrome graphic LCD Display
- RS485 IBB interface
- Integrated buzzer

DIGIcontrol-TD6

T&A terminal

DIGIcontrol-TD6 is an advanced T&A terminal including an encrypted Mifare/DESFire reader with authentication and encryption of data cards. The outstanding glass surface design with touch sensor technology in a double light switch form factor allows an easy installation in a standard double light switch DIN-Box. The glass only front ensures an easy cleaning and long lifetime without any symptoms of age.

It features 6 capacity touch functions keys for In, Out, special functions like business trip, leave for doctor etc, an info key and a key for access only. A monochrome graphic LCD-Display shows selected function, time and time balance after the booking, access granted, no access, illegal card, intrusion & fire alarm events. An additional buzzer warns if the door is still open after a while.

Removable connectors on the back box featuring an easy installation to interface with the **Intelligent Building Bus (IBB)** and a coded relay module **DIGIlock-CR+** or slave light switch with coded relay function **DIGIcontrol-T1/C** to release a door lock.

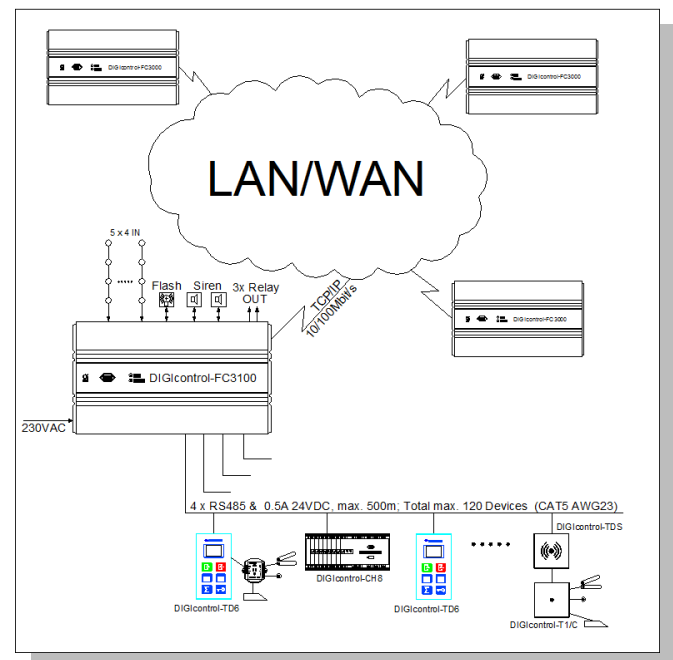
An integrated emergency memory can be used to program access for 15000 cards into the readers EEPROM to allow access to certain cards in case of line failure or offline operation. Two supervised digital inputs can be used for door contact, alarm inputs, egress button or for a slave light switch.

The ATS DESFire T&A terminal works with an external IBB baud rate of 56kB and reader frequency of 13,56Mhz. A unique serial number enables the host configuration of a bus ID in the range between 1 to 120. As a standard set-up, an ATS application with File1 is used for reading distributor, company ID, valid time and card number data's, with AES encryption. Except 128 Bytes used for the ATS application & file system, the card can be used for other application with different encryption keys.

The reading distance of up to 4cm depends on surrounding and card quality. DESFire & Mifare cards with up to 8kB could be used after encoding with the DIGIlock-WM encoding station.

Up to 30 units for T&A or access control could be connected with a single cable to an FC3xxx combined T&A, alarm & access controller.

DIGIlock-CR+ is an intelligent door interface with one Relay for lock control, two monitored inputs for magnet contact, egress button or handle contact and a service input for reader authorisation. Installed on the save side of the door, it communicates after authorisation and encryption key exchange with the readers special coded relay interface.



Technical Data

DIGIcontrol-TD6:

- CMOS microprocessor with encryption algorithm
- 5- 40mm reading distance
- Monochrome graphic LCD-Display
- 6 Function keys
- Integrated buzzer
- 1 RS485 Intelligent Building Bus (IBB) to floor controller
- 1 Coded relay interface
- 2 supervised digital inputs
- Temperature range: -10° to +50°C
- Out wall Dimensions: W82 x H154 x D8,5 mm
- Power: 10,5-23VDC / 85 mA

Delivery Contents:

DIGIcontrol-TD6 complete with installation and wiring instructions.

Options:

DIGIlock-CR+:

- CMOS microprocessor with encryption reader interface
- 1x Relay output for lock control
- 2x monitored inputs for door monitoring, egress button, ...
- 1x digital input for reader authorisation after installation
- Dimensions: Ø60 x H 21mm (fits in DIN-switch box)
- Power: 10,5-23VDC / 30 mA max.
- Temperature range: -10° to +50°C

Information contained in this document is correct at time of publication (250515) and subject to change without notice.

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