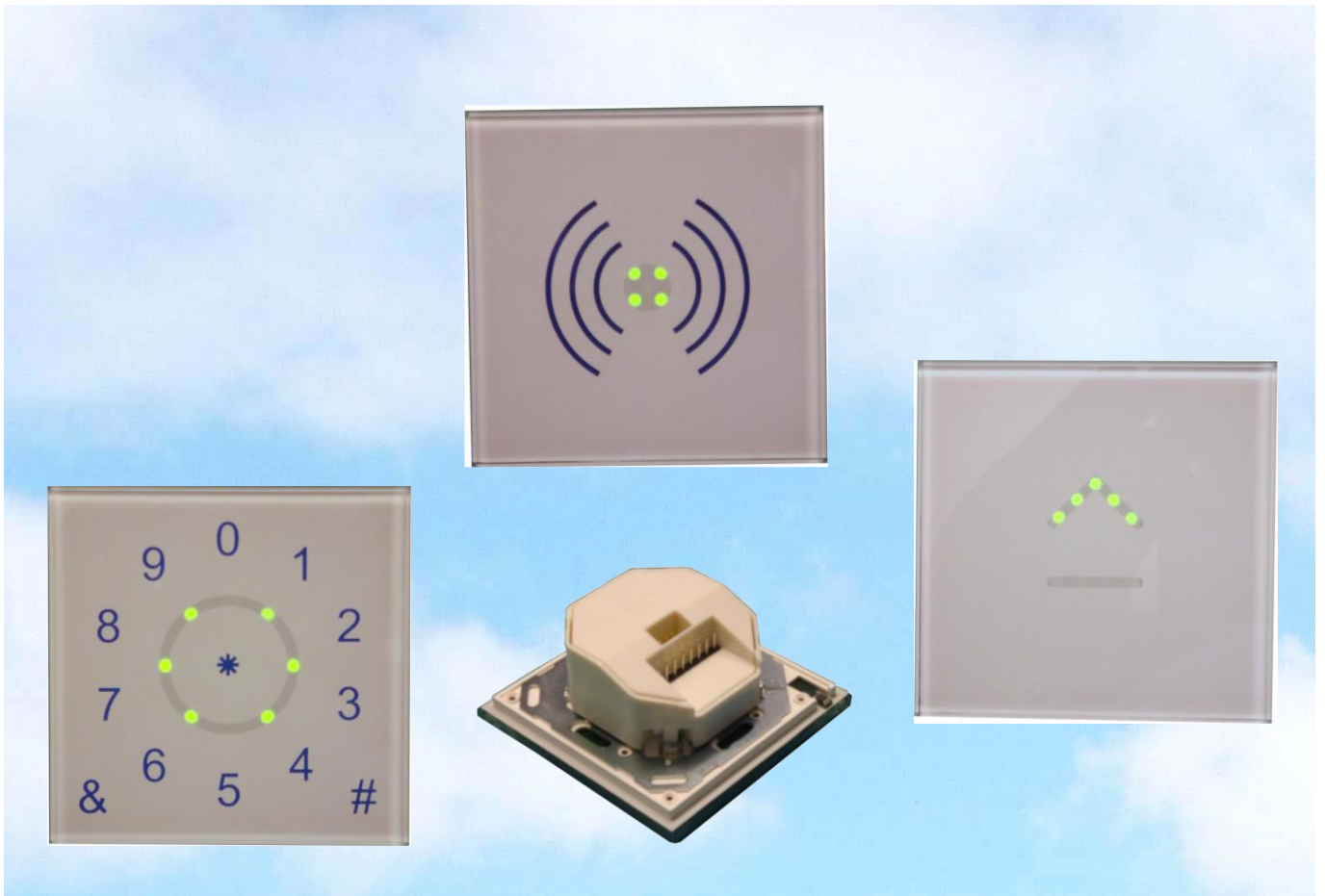


Access control Encrypted BLE & proximity Reader



DIGIcontrol-TM/-TMS/-TMK

- High security RFID & Bluetooth Low Energy glass reader
- RFID read/write for DESfire & LEGIC-Advant cards
- Configurable mobile ID reading range 1 or 3m
- High secure AES encryption
- Additional UID verification of DESFire & LEGIC cards
- RS485 IBB/S AES encrypted bus interface
- No third-party portal or licencing for mobile-ID needed
- Numeric touch keypad for PIN or arming (TMK)
- 2 monitored Inputs, integrated buzzer & coded relay interface
- Temperature & humidity sensor (TMS only)

DIGIcontrol-TMx Encrypted BLE & proximity Reader

DIGIcontrol-TMx access reader series, is part of the complete ATS building and security solution, incorporating Bluetooth 4.2 low energy technology, simultaneous support for a wide range of DESfire or LEGIC proximity cards means DIGIcontrol-TMx provides a bridge from plastic badges to cardless mobile access control and allow seamless integration into existing installations. The glass only front ensures an easy cleaning and long lifetime without any symptoms of age.

Based on an ARM4 low power CPU, the ATS mobile reader is ideal for enhancing freedom of movement in the workplace, allowing employees to have their access credentials on the smart devices they already carry. Configurable reading range allows reading ATS Mobile ID's up to 6m; this makes the ATS Mobile solution well-suited where long-reading range is important.

Removable connectors on the back box featuring an easy installation to interface with the Intelligent Building Bus (IBB) and a coded relay module **DIGIlock-CRp**.

With the second generation of combined RFID & ATS Bluetooth readers and support off the latest BLE implementation, ATS is at the forefront of the technology shift towards mobile solutions.

DIGIcontrol-TMS features an additional touch sensor to be used as light switch and a temperature & humidity sensor to regulate or monitor the room environment.

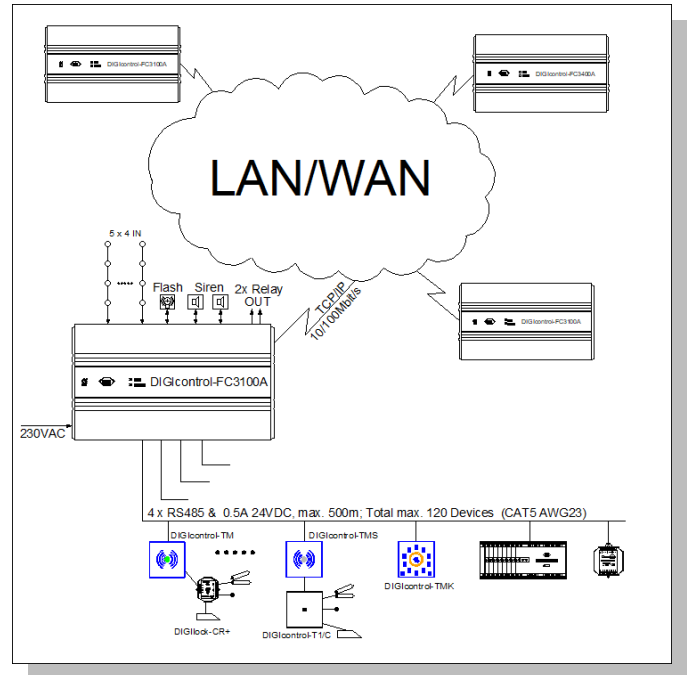
DIGIcontrol-TMK features an additional numeric touch keypad with three special functions.

Bright tricolour LED's signalling green for access granted, red for no access and blue for writing updated data to the card. Blinking green shows that the door remained open, red blinking tells bad or illegal card. An additional buzzer warns if the door is still open after a while.

Up to 100 readers, to control up to 50 doors could be connected with a single cable to an FC3xxx floor controller. Utilizing the high speed IBB/S security bus protocol, ATS readers offer an unparalleled access decision response time of under 150 milliseconds.

In place of a plastic entry card, the user can use their Android Smart Phone to download the free of charge app and enroll directly into the DIGIcontrol-3000 access control system. Enrolment is straightforward and does not require a license, a separate portal or a third-party subscription, offering an affordable, easy to install access control solution.

DIGIcontrol-3000 is approved for federal government use. It also keeps university campuses safe, secures transport, banking and other commercial premises. Potential applications include critical infrastructure sites, atomic power stations, commercial high rises, data warehouses, large-scale construction sites, universities and hospitals.



Technical Data

DIGIcontrol-TM:

ARM4 low power CPU with encryption algorithm
Support for ATS Mobile ID's via Bluetooth 4.2 low-energy with AES encryption/authentication configurable BLE reading range for up to 6m
AES encrypted Mifare/DESFire & LEGIC RFID read/write unit with 5- 40mm reading distance
Red/Green/Blue LED indicator for access & write functions
2 monitored inputs, Integrated buzzer, Coded relay interface
RS485 IBB/S 56kBaud secure bus interface to door controller
Tampered glass front (optional colours black, or dark red)
Temperature range: -10° to +50°C
Dimensions: W82 x H82 x D8/30mm
(Fits in standard a DIN-switch box)
Power: 10,5-24VDC / 80 mA max.

Delivery Contents:

DIGIcontrol-TM complete with installation and wiring instructions.

Variations:

DIGIcontrol-TMS As DIGIcontrol-TM but with additional touch light switch input and room temperature $\pm 0,5^{\circ}\text{C}$ and humidity sensor

DIGIcontrol-TMK As DIGIcontrol-TM but with numeric touch keypad for PIN or arming

Options:

DIGIcontrol-CRp:

CMOS microprocessor with encrypted 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: $\varnothing 60 \times H21\text{mm}$ (fits in DIN-switch box)
Power: 10,5-24VDC / 30 mA max.
Temperature range: -10° to +50°C

Information contained in this document is correct at time of publication (09-08-20) and subject to change without notice.

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