

Access control

Encrypted proximity reader



DIGIcontrol-TLF/M

- Encrypted LEGIC Advant proximity reader
- Reading range up to 3cm
- Light switch enclosure
- Multispectral finger print sensor
- RS485 IBB & coded relay interface
- 2 digital Inputs
- 2 colour LED status indicator
- Integrated buzzer

DIGIcontrol-TLF/M

DIGIcontrol-TLF/M is an advanced encrypted Legic reader with authentication / encryption of data cards and finger print user verification. The finger templates are stored only on the card to ensure the highest possible privacy of the biometric data's. The outstanding design features in wall mounting kit with a glass front reader and a 45 degree inclined fingerprint sensor.

A multispectral fingerprint imaging technology captures superior images quickly, on all people, in all environmental conditions. It is able to collect and process biometric images in a manner that makes fingerprint authentication and identification more robust, more inclusive and more reliable than other fingerprint sensors, which are vulnerable to a variety of conditions including the presence of topical contaminants, moisture and bright ambient light. Simply stated, the sensors work where other technologies fail.

The innovation is multispectral imaging, a technology that enables *the measurement of fingerprint characteristics that are at and beneath the surface of the skin*. This enhanced data capture mitigates traditional system vulnerabilities and makes the sensor the most secure and convenient alternative for identity authentication.

Multispectral imaging also excels in liveness detection. The technology is less susceptible to a wide range of well-known counterfeit attacks because its surface/subsurface capability can discriminate between real fingers and simulated fingerprint ridges. Multispectral imaging can quickly detect a fake by characterizing the subsurface data against the known characteristics of the human skin.

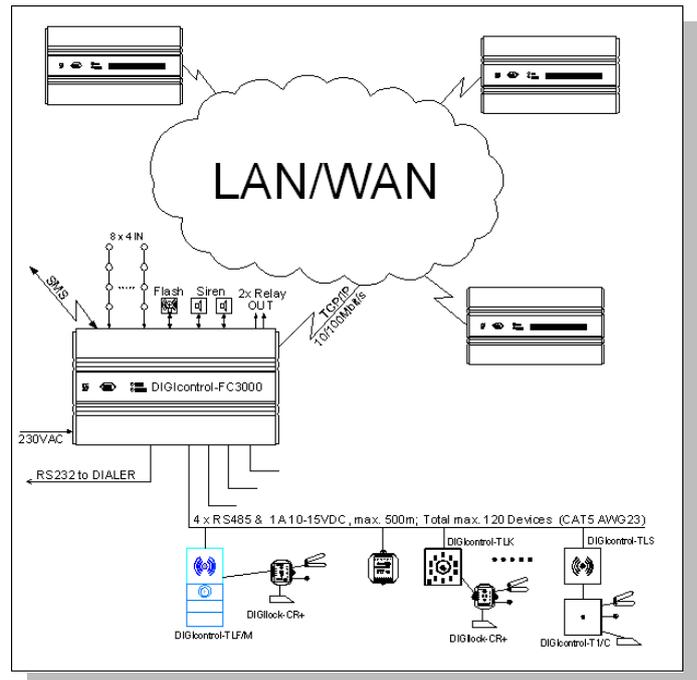
Parameters are stored in EEPROM to avoid loss of data in the event of power failure. Configuration is carried out from the computer, allowing parameters such as the ID number and configuration of the 2 internal inputs and the coded relay interface. Each input can be used at the same time for lighting control, regulation, video, intercom, access control and alarm monitoring.

The LED signalling red for no access, orange for waiting on finger template, green for access granted, 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.

Any Legic Advant cards with minimum 2k could be used after encoding with the encrypted DIGIlock-WL+F encoding station.

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.

Encrypted Proximity Reader



Technical Data

DIGIcontrol-TFL/M:

- CMOS microprocessor with encryption algorithm
- 5- 30mm reading distance
- Dual colour LED bars for access rights display
- Integrated buzzer
- 1 RS485 Intelligent Building Bus (IBB) to floor controller
- 1 Coded relay interface
- 2 digital inputs
- Temperature range: -10° to +50°C
- Out wall Dimensions: W82 x H175 x D42+50mm(in wall)
- Power: 10,5-23VDC / 100 mA

Delivery Contents:

DIGIcontrol-TLF/M complete with aluminium in/on wall mounting box, installation and wiring instructions.

Options:

DIGIcontrol-WFM

ATS multispectral finger print enrolment station with PC-Software.

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 (161110) and subject to change without notice.

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