Conik® Access Wall
Biometric access control device
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Conik® Access Wall is a biometric device for access control. The device is designed for surface installation on walls, providing quick and easy access of users to different rooms or areas through fingerprint identification.

Thanks to its attractive design Conik® Access Wall is applicable to any interior. The integrated sound and light signaling makes it easier for consumers to scan a fingerprint.

Conik® Access Wall is connected via DriverControl® to the Biodit Management Software with RS485 interface with a maximum distance of 1 km.
Conik® Access Wall Main characteristics

- Cutting-edge design and available in different frames and colours.
- Fingerprint biometrical identification technology.
- Simple installation with just one UTP CAT5 cable.
- Easy installation to new or existing buildings
- Range of the UTP cabling for data bus of up to 1Km*.
- Encrypted communication between the reading unit and the control unit through 485 bus.
- Surface installation on walls.
- For covered exteriors.
- Requires connection to a control unit such as DriverControl®.
- Compatible with any control unit and on ONLINE or OFFLINE mode.
- Sound warning by buzzer on access.

*for distances greater than 25m it will require external power supply.

Technical characteristics

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<th>OPERATING MODE</th>
<th>Typical consumption</th>
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<td>Standby mode</td>
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<tr>
<td>System Idle</td>
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<td>500uA</td>
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Biometric features

- Optical sensor.
- Area of the sensor: 18 x 22 mm.
- Resolution: 500dpi.
- Authentication time (1:1): Less than 1 second (standard time).
- Identification time (1:500 people): 1.5 seconds.
- Maximum number of fingerprints: 500 (extendable to 3000 and 5000).
- FAR ≤ 0.00001%.

Environmental characteristics

- Operating temperature: -10°C to 45°C.
- Storage temperature: -20°C to 70°C.
- Relative humidity: 20% to 80%.

Autonomy

- Required power supply: Through the data bus for distances of up to 25m. Requires 3.6Vdc 500mA external power supply for greater distances.

Interfaces

- External power supply connector. Removable terminal type connector.
- Auxiliary connector, Removable terminal type connectors.
- RJ45 connector for bus connection with the control unit.

Network and communications

- Communication through the 485 bus.
- Possibility of ONLINE and OFFLINE operation.

Installation

- For interiors and covered exteriors.
- Surface.

Topology

Certification
- EN 300 328 (v.1.7.19)
- EN 301 489 - 17 (v.1.2.1)
- EN 60950-1 (2006)