

TILIPARK-LP Active Badge Reader

Access control readers

866 MHz long-range readers

Makes easier access to parking lots

The TILIPARK-LP reader is a long-range receiver mainly intended for vehicle access control.

Usually combined with automated gates or barriers systems, the reader operates a departed opening.

The 2.45 GHz reader is available in two versions:

- With an integrated antenna, allowing omnidirectional signal.
- With a remote antenna, allowing directional reception with a 65° angle.

The TILIPARK-LP reader is connected to the Micro-SESAME centralised system through UTiL or TILLYS control modules. The active badge behaves like any other access control badge, transmitting a number and associated badge record.



THE PLUS POINTS

- 🕒 **Long range**
The integrated antenna reads up to 15m away. With a remote antenna, this range is extended to 40m.
- 🕒 **Multi-channel**
The TILIPARK-LP can be programmed on 8 different channels in order to manage several access points across a single facility, without risking interference between them.
- 🕒 **Adjustable**
Reading distance can be configured in order to perfectly adapt to your requirements.
- 🕒 **Various applications**
This system can be used for several applications in addition to vehicle access, such as hands-free pedestrian access, attendance management, anti-escape and other automated systems.

Principles & Functionalities

- 🕒 Multi-format output: Clock-and-Data (10 or 13 characters), Wiegand (26, 34 or 44 bits).
- 🕒 The reader can be configured using a keyboard in the housing.
- 🕒 Reading distance can be adjusted.
- 🕒 8 different channels can be assigned.
- 🕒 Conditional access can be configured, connecting an item to reader input, such as an infrared barrier or a loop detector (and so on).

Access control solutions for vehicles

RADIO-CONTROLLED READER



ACTIVE BADGE READER



PLATE READER



SECURITY SYSTEMS

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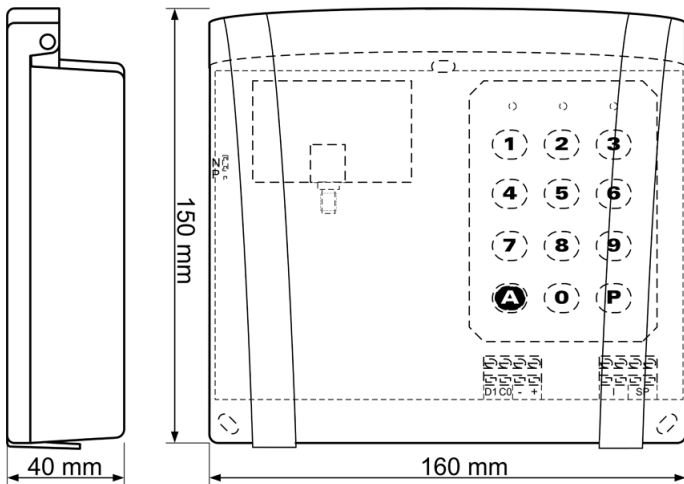


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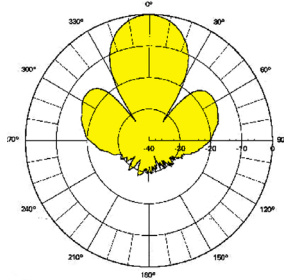
Access control readers

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Mechanical dimensions



- ⦿ Detection lobes for the directional antenna:



References

TILIPARK-LP long-range active badge readers

- ⦿ **LEC05AC1200-GB0:** active badge reader, 866 MHz, integrated omnidirectional antenna
- ⦿ **BAD05AC10:** active badge ON/OFF, 866 MHz

TILIPARK-RT radio-controlled long-range readers

- ⦿ **LEC88AC1200-GB0:** radio-controlled reader, 866 MHz, remote antenna
- ⦿ **BAD88AC14:** radio control, 866 MHz, 4 buttons,

Micro-SESAME integration

- ⦿ No specific configuration in Micro-SESAME for the reader.
- ⦿ The active badge behaves like a standard badge, linked to a badge record in Micro-SESAME.
- ⦿ All access management options and information feedback are available.

Detailed features

TILIPARK-LP Reader

- ⦿ **Power supply:** 12 V / 24 V
- ⦿ **Power consumption:** 80 to 320 mA
- ⦿ **Transmission-reception frequency:** 866 MHz
- ⦿ **Radio communication:** encrypted bidirectional
- ⦿ **Max. capture distance:** 15 m with integrated antenna, 40 m with remote antenna
- ⦿ **Output interfaces:** Wiegand (26, 34 or 44 bits), Clock-and-Data (10 or 13 characters)
- ⦿ **Connection:** screw terminal
- ⦿ **Signalling:** yellow/red LEDs
integrated buzzer
- ⦿ **Dimensions:** H150 mm x L 160 mm x D 40 mm
- ⦿ **Materials:** ABS, IP54
- ⦿ **Operating temperature:** -30°C to +50°C
- ⦿ **Attachment:** visible inside / outside
- ⦿ **Weight:** 0.45 kg

TILIPARK active badge

- ⦿ **Power supply:** CR2032 battery
- ⦿ **Battery life:** 1 year, for 4 daily uses
- ⦿ **Signalling:** two-colour, green/red
- ⦿ **Dimensions:** H 54 mm x L 86 mm x D 9 mm
- ⦿ **Materials:** ABS, IP66
- ⦿ **Attachment:** vehicle badge carrier + badge strap for pedestrians
- ⦿ **Operating temperature:** -30°C to +50°C
- ⦿ **Weight:** 0.03 kg

Your distributor

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