



Keytag.Gate

At last, no more opening the window: Keytag.Gate allows contactless entering and leaving of car parks. It consists of a reading device and a transponder (keytag), which is stuck to the windshield of the vehicle.

Convenient & Fast

- **Without SKIDATA Keytag.Gate**
Braking, opening the window, taking a ticket, closing the window, passing the gate - and then the same all over again on leaving the car park. Also, there is the question what to do with the used ticket.
- **With SKIDATA Keytag.Gate**
The gate opens, the driver passes, and that's it.

Considerably reduced costs

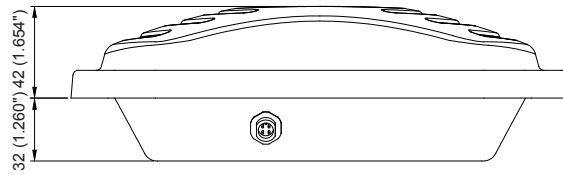
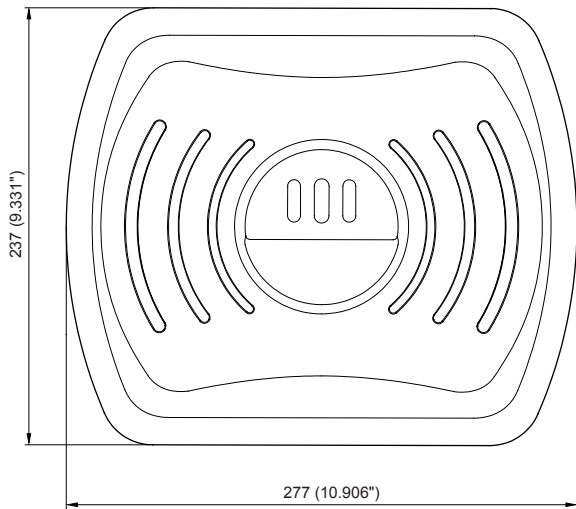
- **Less paper tickets**
Reduced maintenance requirements (e.g. reloading tickets, disposing of thrown away paper tickets).
- **Favorable purchase price**
Passive transponders without battery are environment-friendly and low priced; readers do not cost more than comparable technologies.

The ideal system extension

- Keytag.Gate is based on the well-proven SKIDATA parking system and complements it.
- Standardized technology, including SKIDATA specific safety features (worldwide unique ID, copy protection).
- **Advantages over OCR systems**
Readers are weather-proof and not error-prone.

New business ideas

- Besides convenience for contract parkers, Keytag.Gate also provides a marketing platform, which the operator can use to offer additional services.
- Custom designable transponders can serve as favorable advertising media. We will be happy to advise you!



Properties

- handsfree parking access
- UHF (Ultra High Frequency) technology
- Extension of the SKIDATA parking system
- Integration via SKIDATA Column.Gate

keytag transponder

- The readers communicate with the SKIDATA specific transponder 'keytag' which features a worldwide unique serial number and copy protection.
- The transponder is attached to the inside of the windshield of the vehicle.

Standard Version

A Keytag.Gate kit for one lane consists of

- Reader TSU25, with SKIDATA configuration
- Converter RS485-RS232, including SKIDATA firmware
- SKIDATA specific security features
- Cable RS485, length: 10 m (32.8 ft)
- Cable RS232, length: 1 m (3.3 ft) plus 24 V DC power supply
- LRM-3 adapter for mounting on mast

Options

- Flexible holding frame LRM-1 for mounting on wall, ceiling or mast
- Starter-Kit: 4 keytag transponders with serial number files on CD

Technical Specifications of Keytag.Gate

Model	TSU25
Dimensions	277 mm x 237 mm x 74 mm / 10.906" x 9.331" x 2.914" (w x h x d)
Protective class	IP 65
Temperature range	-20 °C to +70 °C / -4 °F to +158 °C (operating temperature)
Mounting	Overhead mounting or on the driver's side beside the lane; mounting on mast or wall
Interface	RS232
Transmission frequency	UHF, 865 - 868 MHz
Transponder protocol	ISO 18000-6C and EPC Class 1 Gen 2
Power supply	+12 V DC to +30 V DC
Power consumption	10 W (Operation) 2 W (Standby)
Transmission power	max. 2 W
Range	Approx. 5 m (16.4 ft)

Technical Specifications of keytag

Model	SKIDATA keytag, RFID Windshield Tag
Dimensions	108 mm x 34 mm / 4.252" x 1.339" (w x h)
Antenna	Windshield RFID Inlay
UHF communication	Heating wires or metallising of the windshield do have influence on the UHF communication between Keytag.Gate and the keytag. As a result, 100% functionality cannot be guaranteed for all windscreen models. Please note the mounting instructions.
Mounting	On the inside of the windshield, in the area cleaned by the windshield wiper, e.g. on top in the middle, behind the rearview mirror (preferable), or on top on the side of the driver. In case of a completely metallised windshield the keytag must be mounted vertically on the driver's side window!