

PRODUCT SHEET

/ **entervo.entry** and **entervo.exit**



About the Product

The lane control devices entervo.entry for entry lanes and entervo.exit for exit and transit lanes are characterised by their broad range of applications, simple operation, reliability and maintenance-friendly technology.

Whether you want to use barcode tickets or magstripe tickets for the handling of your short-term parkers, is up to you - the choice is yours!

For the identification of seasonal parkers or registered short-term parkers, long and short range transponder readers are available in addition to the traditional technologies.

An optional, integrated 2D barcode scanner for print@home tickets and QR codes on smartphones complements the wide range of applications.

Product Highlights

- / Entry or exit terminal utilising innovative technology
- / Modular, very maintenance-friendly design
- / Future-proof and extendable
- / Intuitive user guidance, providing clear and comprehensive instructions through a dynamic colour display
- / Illuminated components for ease of use
- / Proximity sensor for a completely safe and contactless parking experience as an option

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Functions

- entervo.entry
 - Dispensing short-term parking tickets (barcode or magstripe)
 - Checking S&B system cards and 3rd party cards
 - Barrier control
- entervo.exit
 - Checking short-term parking tickets, S&B system cards and 3rd party cards
 - Barrier control

Operation

- Intuitive user guidance via clear, graphic symbols
- Brilliant LED colour display for simple operation
- Screen diagonal of 17.8 cm (7")
- Screen resolution: WVGA (800x480 pixels)
- Flashing ticket request push-button (entervo.entry) or ticket chute (entervo.exit)
- 4 additional push-buttons for flexible use

Intercom

- Intercom substation with call button, microphone and loudspeaker (8 Ω)
- Audio induction loop as option

Ticket processing for short-term parkers

- The following units are available:
 - BKV40 for barcode tickets
 - TPU for barcode or magstripe tickets
- For further information and details, see the data sheets of the units

Processing of other media as option

- 2D barcodes via front facing barcode scanner
- Scheidt & Bachmann Smart Cards (Mifare 1 K read/write)
- Scheidt & Bachmann Transponder Cards (Hitag read/write) via Elatec TWN4
- Mifare, HID cards via Elatec TWN4 (read-only operation)
- Kathrein long range UHF reader
- Credit and debit cards, optionally with PIN pad, in an external housing

Receipts as option

- Printed on standard thermal paper roll

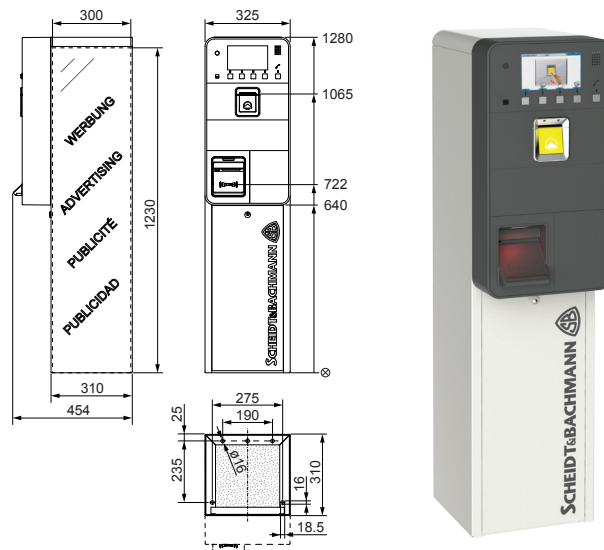
Computer and control unit

- Industrial PC for the autonomous control of the device
- Basic functions of the device are maintained even when there is a network failure
- 8 available digital inputs / 8 available digital outputs

External connections

- Power supply
- Network (LAN)
- Intercom
- Scheidt & Bachmann barrier gate
- 2 Induction loops, additional loop for backout detection as an option (entry only)

Dimensions (mm)



Power supply

- Device without heating: 85-264 VAC, 50-60 Hz
- Device with 230 V heating: 230 VAC, 50-60 Hz
- Device with 120 V heating: 120 VAC, 60 Hz
- Note: Supply voltage not switchable!

Power consumption (approx.)

- 35 W / 50 VA
- Additional 500 W for heating

Housing

- Stainless steel housing with smooth paint (RAL 9016 / traffic white or RAL 1003 / signal yellow)
- Special colour according to S&B colour range available as an option
- Side panels offer a comfortable space for advertising and other information
- Device door with cylinder lock. After opening the device door, the front panel can be unlocked.
- Plastic front panel with structural effect paint (RAL 7043 / traffic grey B) can be swivelled to the side
- IP protection class according to IEC 60529: IP43

Place of installation

- For indoor and outdoor use
- Temperature range: -20 °C ... +50 °C
- Relative humidity: ±0 % ... 95 % (non-condensing)

Weight (approx.)

- 50 kg

Approvals and conformity

- Approval name according to name plate affixed to the device: PGL40
- Europe: CE Mark
- USA/Canada: NRTL approval by TÜV SÜD America Inc.; Certificate No. U8 16 02 28197 006