

The **Door/Shutter Reader** is designed for opening entrance doors in car parks and building access points as well as entrance (shutter) doors. The reader can be operated with keycards (e.g. contract parkers), magnetic tickets (encoded in ISO or SKIDATA format), barcode tickets or smartcards (option)



APT450.Logic **Door Reader. Gate Parking. Logic**

Functions

- Contactless reading of keycards (125 kHz) or 13 MHz data carriers including optical LED-based status indication
- Reading of barcode, magnetic stripe tickets (track 2 only) and keycards
- Administration via Control Centre or as stand-alone unit running in emergency mode

Features

- Alphanumeric 2-line display: 2 lines at 16 characters each, including rear-illumination for improved user guidance or status display
- Control elements (Call button, microphone, loudspeaker) for plugging into an external intercom system
- Heater and ventilator for extended operating temperature range
- Terminal (installed into Door Reader or interfaced externally) – connected to PC via RS 232 – e.g. for Electronic Purses
- Pictogram with user instructions, beeper
- Power supply featuring wide input voltage range (95 V AC to 265 V AC)
- Door/Shutter Opener: supports all passage cards
- Access Reader: supports only cards suitable for section access (e.g. Contract Parking Card, Door Card, etc); this allows for easy definition of additional restrictions

Accessories

- Concealed metal socket; depth: 120 mm (4724"); for wall flush-mounting the Door/Shutter Reader
- RFID-Module (13 MHz) (FCC)

Technical Specifications

Housing materials	Rear section: powder-coated steel, Front section: plastic
Housing dimensions	mm x 260 mm x 148 mm / 10.118" x 10.236" x 5.827" (w x h x d)
Weight	5,5 kg (11.0 lbs)

SD contactless data transfer

Carrier frequency	125 kHz, 13 MHz
Input voltage	95 to 265 V AC, 50 to 60 Hz
Power consumption	max. 200 W
Interface	RS485 (2-wire), Arcnet protocol, optional Ethernet
Output (OUT1)	mA switching capacity / max. 28 V DC, low active
Input (IN1)	max. 28 V DC, low active
Barcode scanner	CCD, red light 650 nm (no laser)
Safety class	IP41 (covering required)
Operating temperature	-20 °C to +45 °C (-4 °F to +113 °F) (ambient)
Humidity tolerance	to 90 % (non-condensing)
Signal range	keycard: approx. 6 cm (2.263")
Rules	CE, ETS 300 330, ETS 300 683, EN 61000-3-2
Installation included)	be wall-mounted using 3 x 8 mm (0.314") standard wall dowels (not
Cabinet Color	RAL 9006 White aluminum; Front RAL 9007 Grey aluminum
Microphone	RAL 7043 Traffic grey B

