

BP-2000\CB

TICKET AND PERMIT-HOLDER CARD READER



The **BP-2000\CB** model is a barcode reader machine for tickets and permit-holders' cards. This includes the most up-to-date technology on the market to offer a sturdy, compact solution for monitoring exits or other car park zones.

CONSISTING OF:

- Circuit board Mod. BP-125 with fully adjustable state-of-the-art industrial PC, that can be adapted from lower to greater power usage as required.
- Motorised reader with reading system for short-stay users, owners, permit-holders, token, etc., based on barcode technology.
- Card reader/recorder integrated into the machine, with Mifare proximity technology.
- TAG hands-free technology, active or passive antennae, using cards placed on the vehicle's windshield (optional).
- 7" colour user information screen, with multi-lingual text and dynamic drawings.
- State-of-the art infrared licence plate reader camera (optional).
- Digital IP intercom system.
- Real-time video conferencing system for communications between the vehicle driver and the parking attendant (optional).
- Internal ventilation and heating system, regulated by digital thermometer and in-house software.



FUNCTIONAL ASPECTS:

- Control of the exit barrier, managing openings and closings to streamline traffic flow onto roadways.
- Control and validation of short-stay tickets. Annulment of short-stay tickets to avoid them being reused, storing them in inner deposit.
- Control and validation of permit-holder cards, full-time, part-time, residents, restricted zones, master cards, pre-paid smart cards, time limit, etc. Anti-passback control.
- Operation of machinery through a network connection (Ethernet connection).
- Operation in stand-alone mode (optional).
- Powerful, fully configurable system of calendar timetables for opening and closing of automatic doors, access control, etc.
- Modular system design, at both hardware and software level, for perfect adjustment to the different needs of each car park.

SCREENS



TECHNICAL CHARACTERISTICS

Power supply	220 V 50-60 Hz (+-10 %), with ground connection
Consumption on stand-by	46 W
Maximum consumption during operations	50 W
Maximum consumption with heater	250 W
Display	7" TFT screen with 800x480 resolution, measuring 155 x 93 mm
Central control unit	Mod. Bp-125 with state-of-the-art industrial PC, adaptable from lower to greater power usage in line with the car park's requirements
Digital I/O signals	Opto-isolated
Communications	Ethernet 10/100 Mbit/s, TCP/IP protocol (shielded hosepipe, Cat. 6 Ftp up to 100 m, fibre optic on installations of more than 100 m.)
Working Temperature	-20 °C to 65 °C (with heater and hot air extractor fan)
Working Humidity	From 0 % to 90 % RH non-condensing (with heater and hot air extractor)
Ticket deposit	Up to 3,000 tickets
Casing	Galvanised sheet iron, protected with special primer. Textured Qualicoat polyester powder paint finish RAL-9005 and 3020 (black and red)
Height	1,250 mm
Width	330 mm
Depth	395 mm
Weight	45.10 Kg