

ParkTICKETER 8

Ticket dispenser tower

Instead of using manpower, the ticket dispenser tower is primarily used for issuing post-pay parking-entrance tickets by a machine, for controlling the cards of guests having a permanent entrance cards and for letting in both types of clients in a controlled way.

Construction and operation

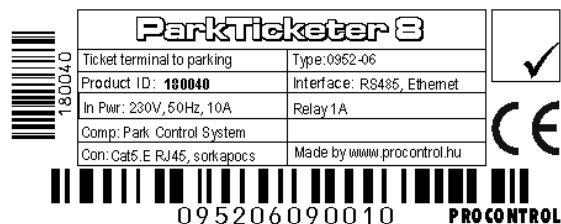
The ticket dispenser is an impact resistant tower of 1325X475X160 mm made of stainless steel which can be placed screwed on a stable concrete base on an island beside one of the traffic lanes or between two traffic lanes. The driver intending to park presses the button **"ticket dispensing"** by pulling down the window without getting out of the car and then he/she gets the parking ticket supplied with an individual identification number, date, time and a barcode. Then the barrier opens and the guest enters the parking area. (Other information can be printed in the parking ticket according to the demand of the client.) The ticket dispenser tower is also fitted with an RFID, the so-called proximity card reader. Those drivers having permanent cards (e.g. residents), or those having season tickets hold their season ticket cards to the **"entrance"** proximity reader. The device displays the code of the card, the time and the **"ENTRANCE ALLOWED"** message, opens the barrier and the car passes through. After that the barrier closes. (It has to be remarked that the guests having a season ticket take their cards with them and they do not have to pay.) The entrance event record, the barcode of the entrance ticket or that of the season ticket and the time – hour, minute and second - are recorded in the log. This record is sent by the card handling machine to the central computer of the parking system (ParkServer8)

When a driver intends to leave the area, he/she goes to the payment automat or to the checkout with his/her card or entrance ticket received at the entrance, where he/she identifies himself/herself with the card or ticket. After that the amount to be paid is calculated by the computer based on the entrance time and this amount



may also include different discounts and individual allowances. (The “checkout” can be a PayPark 8 type payment automat connected to the Ethernet network or a cashier with a computer used for the payment.)

The guest pays, and the following message is sent by the computer sends to the exit barrier control: “the owner of the xy client card or entrance ticket is allowed to leave the area.”



Technical specification:	
Input voltage:	230V 50Hz
Required power:	15 W (1 kW with heating)
Interface:	RS 232, RS 485, Ethernet, Wi-Fi
Internal control:	ATMEL ATmega 64 micro controller
Terminal:	0815-06 WortNet terminal
Display:	2 x 16 characters 100 x 24 mm with background lighting
RFID reader:	125 kHz Manchester code
Barcode reader:	Laser omnidirectional max. 30 cm
Printer:	80 mm thermal paper
Paper-cutter:	Guillotine 95%
Ticket capacity:	1000 ticker / filling-up
Dimensions:	1325 x 475 x 160 mm
Lock construction:	Safety lock cylinder
Environment temperature:	-20 - 45 C degrees