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DESIGNA

Designa CONNECT POS 500

Point of Sale

The POS 500 from DESIGNA is the compact solution for modern manual pay systems in parking management. PC-based manual pay station for calculating parking fees and issuing various types of barcode tickets.
Together with the intuitive software, the high-performance all-in-one PC with state-of-the-art touch technology offers optimum payment comfort - Also for ticketless parking systems with integrated licence plate recognition! Due to its modular design, the system can be extended with a variety of peripheral devices, such as an easy-to-read external customer display, a coding station or an RFID reader. The scanner can be used to read both linear barcodes and QR codes from discount coupons, for example.

FEATURES

- TFT colour display (15") with touch function
- Barcode / QR code scanner
- Processing tickets and cards with barcode technology
- Payment of short term parker tickets
- Pay by entering the licence plate number on the touch display (optional)
- Processing of hotel tickets[1]
- Renewing of value cards and season parker cards
- Processing value cards and season parker cards (optional)
- Processing of lost tickets[1]
- Issuing of replacement tickets[1] and one-use-tickets[1]
- Payment of prepaid tickets
- Processing of QR discount codes
- Price shown on the customer display (optional)
- Discount allocation by category
- Up to eight different special rates and special incomes
- Shift report after shift change

BASIC EQUIPMENT

POS 500 (PC)

- All-in-one PC, robust aluminium housing with fanless heat dissipation
- TFT colour display (15"), True-Flat-PCAP touchscreen,
- LED backlight
- External power supply unit

POS 500 (Software)

- Intuitive operating software

Scanner

- 1D/2D Scanner (linear codes and QR codes) for processing ABACUS short term parker, season parker cards, value cards, prepaid tickets

Receipt printer

- Receipts printed at thermal printer
- Easy-to-change paper roll (drop-in)
- High speed printing
- External power supply unit

OPTIONS

- External, two-line vacuum fluorescent display (VFD)
- External cash drawer
- MCBC coding station: External Multicon for creating barcode tickets from ticket strip
- PAY BY PLATE: The parking duration is calculated by entering the licence plate number on the touch display. Afterwards the payment is made
- “Honesty function”: if the licence plate is not recognized by the system, the customer's parking data is entered manually at the pay station.
- Hands-free smart card system (RFID) such as Mifare, Legic, ISO 15693 as well as other short and medium range RFID systems for the identification of hands-free season parker cards and debit cards during renewal and additional payment or charging
- Credit card reader, EMC and PCI PTS certified
- Processing of value / time check
- Processing of QR discount codes

[1] Printing via receipt printer possible from version X25.1

TECHNISCHE DATEN

Barcode / QR-Code-Scanner

- Power supply: 5 V DC
- Power consumption: max. 5 W
- Weight: approx. 130 g

Receipt printer

- Power supply: 24V DC;
  via external power supply unit
- External power supply unit:
  100-240V AC, 50/60 Hz
- Power consumption: 45 W (max. 60 W),
  Standby: 0,1 A, Average: 2 A
- Weight: approx. 1.7 kg
- Housing: plastic (black)

POS 500 (PC)

- Processor: Intel® Celeron® J1900
  (2M Cache)
- System memory:
  1 x DDR3L SO-DIMM 8 GB
- Hard disk:
  1 x SATA (2,5“) HDD or SSD
- DC Input:
  19VDC; max. 3.42 A via external adapter
- External adapter: DC-Model: 65 Watt,
  100-240 V, Max. 1.5 A
- Display:15″ TFT LCD (LED Backlight),
  Touch Technology: True Flat Projected Capacitive,
  Resolution: 1024 x 768
- Weight: ca. 7 kg
- Operating temperature: 0 °C bis +40 °C
- Air humidity: 10 % to 90 %

MCBC coding station

- Power supply:
  24 V DC, max. 1.5 A
- Power consumption:
  Max. 36 W
- Weight: approx. 2.28 kg
- Colour: RAL 9016 (traffic white)

DIMENSIONS

- POS 500 (PC):
  370x300x236 mm (WxHxD)
- Receipt printer:
  125x114x195 mm (WxHxD)
- Scanner:
  169x62x82 mm (WxHxD)
- External customer display:
  240x95x35 mm (WxHxD)
- External customer display:
  400x110x450 mm (WxHxD)
- MCBC coding station:
  188x129x268 mm (WxHxD)

SYSTEMVORAUSSETZUNGEN

- New GUI: ABACUS Version X24.4 and newer

FIGURES

From left to right: POS 500, Barcode / QR-Code card reader, External customer display (Option), Receipt printer, MCBC coding station (Option), Cash drawer (Option)

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