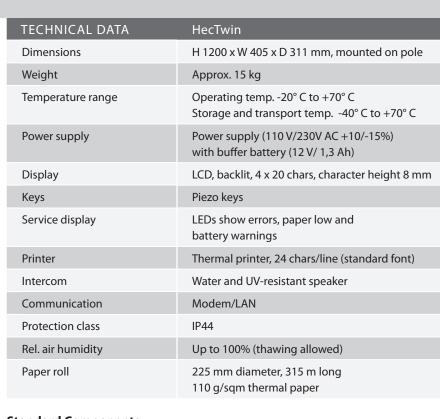Hectronic

Smart solutions for parking and refuelling

HecTwin

HecTwin consists of two terminals that enable entry into and exit from designated car parks effectively and smoothly. HecTwin can be used in multiple configurations that are perfectly tailored to the needs of private and public car parking. In combination with the Hectronic Citea parking payment terminal, this is a complete parking management system.

TECHNICAL DATA	HecTwin
Dimensions	H 1200 x W 405 x D 311 mm, mounted on pole
Weight	Approx. 15 kg
Temperature range	Operating temp. -20° C to +70° C Storage and transport temp. -40° C to +70° C
Power supply	Power supply (110 V/230V AC +10/-15%) with buffer battery (12 V/ 1,3 Ah)
Display	LCD, backlit, 4 x 20 chars, character height 8 mm
Keys	Piezo keys
Service display	LEDs show errors, paper low and battery warnings
Printer	Thermal printer, 24 chars/line (standard font)
Intercom	Water and UV-resistant speaker
Communication	Modem/LAN
Protection class	IP44
Rel. air humidity	Up to 100% (thawing allowed)
Paper roll	225 mm diameter, 315 m long 110 g/sqm thermal paper

Standard Components

HecTwin terminals consist of a housing unit that is mounted on a base. One terminal (entry terminal) is fitted with a receipt printer; the other terminal (exit terminal) is fitted with a barcode scanner. In certain parking scenarios, the exit terminal with barcode scanner can be used as both an entry and exit terminal.

Work flow with Citea payment terminal

When entering the car park, the HecTwin entry terminal prints a ticket with barcode. This ticket will later be presented at the Citea barcode scanner to pay. Using a server solution, Citea stores the barcode in a database and classifies the ticket as paid. The ticket is then presented at the HecTwin exit terminal to leave the parking lot.

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Payment Scenarios

■ Hotel parking without Citea
A barcode ticket to either enter or exit the hotel parking area can be generated at hotel reception (Barcode Ticket Generator solution). The barcode ticket is presented at the HecTwin (exit) terminal to enter or leave the parking area.

■ Multiple access ticket
HecTwin exit terminal is able to identify barcode tickets valid for a certain period of time.
This means that multiple accesses to privat parking areas such as campgrounds is possible using the same barcode ticket.

■ Hectronic Mifare card / tag
The HecTwin terminal can be equipped with a Hectronic Mifare reader. Only customers with Hectronic Mifare cards or tags may enter/exit the parking area.

■ Barcode cards
When the HecTwin is equipped with a barcode scanner, pre-printed barcode cards can be used for special customers in order to make it easier for them to access the car park (authentication).

Software Configuration
HecTwin terminals are programmed with CityLine. Communication with a back office can be established via GPRS modem or LAN connection.

Intercom
The HecTwin intercom system consists out of a loudspeaker and a microphone which are mounted on the terminal door. An integrated antenna allows communication via GSM modem or a LAN connection can be established.

Barcode Ticket Generator solution
HecTwin can be used in combination with an external printer and Barcode Ticket Generator software, where exit/entry tickets can be generated. Additional features such as printing barcode tickets in advance, validate entry tickets, user authentication and payment reports have already been implemented.