

Driving Parking Technology

BC200-2 Entry Terminal

The BC200-2 Entry Terminal is a multi-functional parking access and revenue control terminal for barrier gate controlled off-street parking facilities. WPS patented thermal bar code ticket technology provides a 'contactless' ticket processing environment that ensures a high level of reliability and powerful functionality. Express entry options include; credit, debit and chip card; RFID cards and transponders; bar code passes.

Processing Data

The BC200-2 Entry Terminal is equipped with a microprocessor board (MPB) to process the data generated from all transaction types. The BC200-2 Central Data Concentrator panel manages MPB board communications and serves as the central data registration centre for up to 100 BC200-2 Terminals. Other BC200-2 station types include; Express Exit, Pay-On-Foot, Cashier Exit and Central Cashier.

The Data Concentrator also serves as the communications interface for a PC Work Station operating BC200-2 Parking Facility Management Software. BC200-2 Software maintains a database log of system transaction records and serves as the user interface for functions including; station monitoring, remote control, parking space inventory management, access control and revenue & statistical reporting.

Processing Daily Parkers

Daily parking bar code tickets are printed by a thermal graphical printer and are dispensed by push button or via automatic issue. Express Parker processing options include; entry by credit card, debit card or chip card.

Processing Monthly and Term Parkers

BC200-2 infrared optical bar code reader processes a wide range of passes, including: term (e.g. monthly); decrementing value; and complimentary.

Entry Terminal interfaces with a variety of third party access control technologies, including:

- Radio Frequency Identification ('RFID') short range proximity card readers.
- RFID long range transponder tags.
- Smart chip and credit cards.

Communication, security and customer assistance

Each Terminal is equipped with a two-way intercom station. Customers contact parking lot management when assistance is needed. The level of customer service is enhanced by adding a Digital Video Recorder camera system. A 'pinhole' camera can be installed in the BC200-2 Entry Terminal. Parkview, a two-way video system, can also be integrated with the intercom station.



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Information

- The entry terminal comes equipped with a standard LCD display that has two lines of programmable text with 20 characters each. An optional advanced TFT screen (Parkview Display) offers the ability to display advertising, detailed instructions and video images.
- The entry terminal comes equipped with black decoration panels on each side.
- The fascia plate is constructed of aluminium and lexan and clearly directs customers through transactions with text and symbols.

Housing

The entry terminal housing (including service door with security lock at the rear) is constructed from 2mm (14 gauge) stainless steel to ensure an attractive, corrosion free appearance throughout its long life. The standard paint finish is RAL 9007 grey. BC200-2 cabinets are available in a wide range of optional RAL colours. A built in vibration sensor detects any vandalism attempts and immediately reports incidents to the management computer.

Vehicle detection

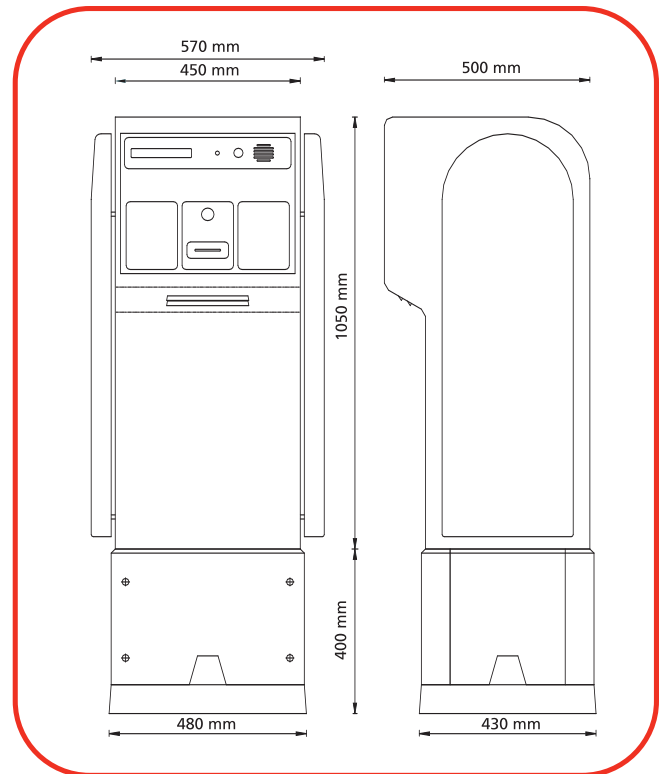
The BC200-2 entry terminal can be equipped with a vehicle detector which is used to arm the terminal for use only when a vehicle is present. Multi-loop directional logic can be incorporated.

Temperature control

A thermostatically controlled heater regulates internal temperature. Stations come equipped with a cold weather installation kit and cooling fans.

Mounting

The entry terminal can be mounted directly to the ground (or concrete island) or to a pre-fabricated foundation.



Technical specifications:

Power supply	: 120 / 230VAC
Power consumption	: 100VA (without heater)
Heater	: 250 / 400VA
Open command	: 24V / 1A
Close command	: 24V / 1A
In / out of order	: 24V / 1A
Ful l/ pre-full	: 24V / 1A