



Flexible parking solutions  
for streamlined carparking management.

CDS WORLDWIDE  
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iPARK Carpark Management Systems

# Intelligent Pay & Display On-Street Parking Meters

Busy streets need intelligent car parking solutions that enable clients to analyse traffic patterns and adapt for change.

PROUDLY DESIGNED AND MANUFACTURED IN AUSTRALIA





# iPARK Carpark Management Systems

## Pay & Display On-Street Parking Meters

### USABILITY

Parking management is the key to economic development in urban centres. These robust solutions improve the city streetscape and provide an intelligent and highly secure way of developing services and revenues.

The Pay & Display systems answer the needs of a busy community.

### PAYMENT OPTIONS

Never be caught short without money.

- **M-COMMERCE** (mobile phone)
- **COIN**
- **CONTACTLESS SMART CARD**
- **CREDIT CARD**  
Real time online transaction before ticket is issued

### EXISTING OPERATING IPARK PARKING METER SITES





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## OVERVIEW

BUSY STREETS NEED INTELLIGENT CAR PARKING SOLUTIONS THAT ENABLE CLIENTS TO ANALYSE TRAFFIC PATTERNS AND ADAPT FOR CHANGE.

Designed and manufactured by CDS in Australia.

These stand alone, solar powered, on-street stainless steel meters fit neatly into the street landscape. They are vandal resistant and highly secure. They accept payments by coins, credit cards and mobile phones.

CDS is the holder of international patents for the use of the mobile phone payments technology with parking meters.

The credit card and mobile phone transactions are processed "on-line", eg. Money is deposited in the meter owner's bank account before the parking ticket is printed (a transaction, which takes less than 6 seconds to complete). This means that the CDS system virtually eliminates any fraud relating to the use of reported stolen cards or cards without funds.

These parking meters communicate with their central software via wireless GPRS method.

This reliable and low cost communications method enables the meters' owners to have access to revenue and status reporting at the head office.

The fee changes can be set remotely from one office location without having to visit the meters on site. The meters automatically adjust to daylight saving times, they report via SMS to designated staff mobile phones whenever cash vaults near full and require replacement, or when ticket paper is low.

The parking meters can be pre-programmed to handle Loading Zones, to enable delivery vehicles to be issued with special parking period dockets, within specified hours.

The parking meters can print out extra receipts and offer special fee discounts to elderly, disabled or special ratepayers.

RTA of NSW certified the CDS parking meters for legal use in NSW.

## BENEFITS

- Easy installation due to its self contained battery / solar power source.
- Long life rechargeable battery, with operating life of up to 3 years,
- Virtually maintenance free operation on site,
- Stainless steel, graffiti resistant polished surface finish,
- Secure self latching steel coin boxes with internal audit memory,
- Easy to use, friendly appearance and small size,
- Easy to operate central management software,
- Reminder SMS service

## M-COMMERCE SOLUTION

Never be caught short without money. Meters can now be paid using your mobile phone and charged against your pre-registered credit card. Reminds user via SMS message that parking meter is about to expire.

## DIMENSIONS

The meters fit comfortably in most areas with a small footprint.

→ 400 mm W X 330 mm D X 1440 mm H





# iPARK Carpark Management Systems

## Pay & Display On-Street Parking Meters

### FUNCTIONAL FEATURES

#### DURABLE CONSTRUCTION

- Fully welded stainless steel construction for maximum strength against vandalism and break in
- Feature 8 Point Locking System, 2mm reinforced stainless steel plates
- Recessed locks to protect against vandalism

#### SECURE INTELLIGENT COIN VAULT

- Recessed coin vault secured by 3 mm internal reinforced stainless steel plate – complete with multi-point safe style sliding cross bar locking system
- Designed with capacity to hold up to 2000 coins.
- Designed with self latching coin access shutter door (securing the coin vault and access cable when being removed)
- Designed with internal memory chip to record all deposited coin transactions
- Designed with a block mechanism which prevents coin box when coin shutter is closed from being reinserted

#### SOLAR ENERGY EFFICIENCY

- 5W Solar Panel Designed for continuous meter battery recharging

#### BATTERY

- 75A hr sealed rechargeable battery

#### TICKET PAPER DESIGN

- "Free Fall" Ticket dispensing system
- Meter ticket rolls provides printing of 3500 tickets before replacement
- Polycarbonate protective swinging door to stop coins and tickets from falling out
- Large 50mm dia paper roll core, to minimise ticket curling
- Adjustable low paper warning sensor
- Passive moisture extraction system for high humidity environments.
- Removes condensation, humidity and build up of dew and extracts it outside the meter to keep contents dry

#### COIN DISPENSER

- Coin slot actuator, detects presence of coins and opens the shutter allowing coins to be inserted
- Coin escrow mechanism which holds up to 30 coins
- All Australian coins are accepted and are held in coin escrow
- Coin transactions can be cancelled at anytime or ticket can be issued
- "Mud Channel" diverts foreign materials and inserted rubbish from reaching the coin validator

#### SMS ALARMS & FAULT ADVICE

- All field meter diagnostic errors are transmitted to the central management system via SMS or assigned personnel for response
- Fault code descriptions are displayed enabling field service technician to service equipment

#### CMS MANAGEMENT SOFTWARE AND REPORTING

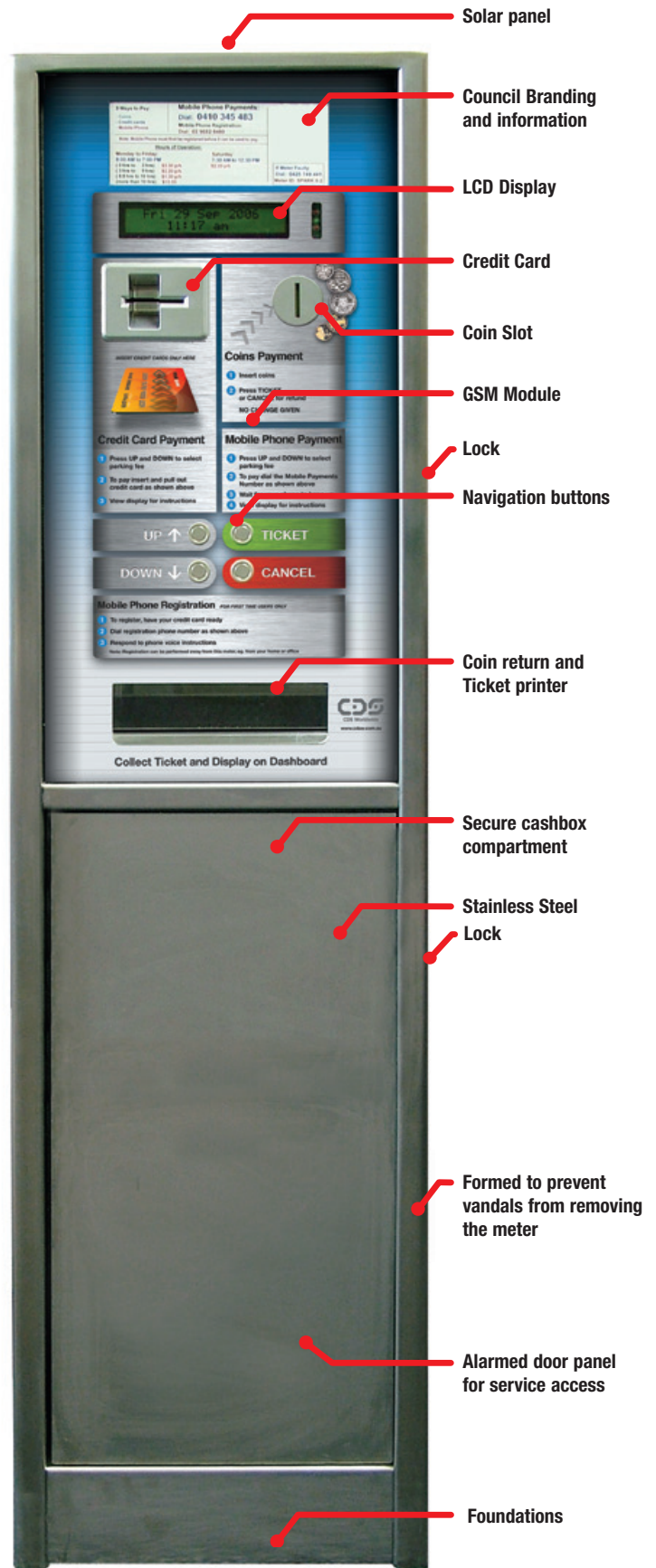
- Provides management with real time detailed access reporting.
- Revenue reports are graphically illustrated.

#### REMOTE MONITORING

- Software functionality to upload remotely changing tariffs with full audit.

#### PAYMENT SOLUTIONS

- Accepting Australian coins
- Credit Card Transactions - All credit card transactions are processed in real time not batched, transaction from start to receipt of ticket, (4 secs).
- Mobile Phone



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