

reino RMV1

*an environmentally
sustainable digital ticketless
multibay solution*



The RMV1 is a state of the art, digital, ticketless multibay meter which is designed specifically to deliver exceptional performance whilst concurrently delivering low 'whole of life costs'.

The meter incorporates the latest generation parking technology, making it easy to maintain and highly reliable.

Resistance to vandalism, theft and fraud is achieved through robust construction and a suite of secure revenue transfer procedures.

We have developed quality customer relationships globally and are dedicated to partnering with you. We look forward to the opportunity to help you meet your operational and commercial parking policy objectives.



Available in a range of colours to complement and enhance the ambience of any streetscape or outdoor area.

Secure, attractive, vandal and weather resistant

The sleek, modern slim-line exterior of the RMV1 is constructed from strong stainless steel making it highly resistant to vandalism, vibration and a range of climatic conditions.

The RMV1 meter is fitted with a solid-state, rugged, anti-glare touch sensitive keypad, with the meter display and keypad area protected by an impact resistant, toughened 10mm thick polycarbonate plate for added vandal resistance. The entire screen is recessed well into the housing, sheltering it from direct blows and it is supported at the rear by a metal carrier plate.

Internally, the meter consists of two compartments, ensuring that only authorised staff can access the cashbox and/or the service compartment. The solid cash vault door is recessed into a reinforced steel frame for protection and to prevent unauthorised access.

Twin 5mm stainless steel sliding lock bars enforce the vault lock further – even with no lock in place the vault defaults solidly to the closed position and is virtually impenetrable.

Modular design to enable cost-effective upgrades and maintenance

The RMV1 utilises 'solid state technology' – simplifying technology upgrades and parts exchange. The modular construction of the machine's internal components facilitates rapid servicing and allows for a simple and cost-effective upgrade path over the course of the equipment's lifespan. The internal components can be removed independently and replaced rapidly. They can be clipped or screwed into place as required, thus minimising the downtime of the meter. All data is stored in flash memory – essentially a solid-state hard disk drive.



The lock is recessed behind the body of the meter and features an integrated 'punch through' protector to stop it from being pushed inwards.



An environmentally friendly green-cell battery powers the modern, aesthetically pleasing RMV1.

ReinoNet Management System

Intelligent business and operational management of parking equipment is possible using the ReinoNet Management System. ReinoNet facilitates comprehensive analysis of your parking operation in real-time, supporting your ability to maximise profitability within the constraints of public policy. The system can route self-diagnosed faults almost instantly to a range of communication media including SMS and pager. ReinoNet tracks both the revenue raised by the meter and the meter's state of readiness. During communication, a full audit and service history are uploaded to the server and can be accessed using the ReinoNet Management System. ReinoNet has been developed around four key areas of functionality:

- Asset Management
- Revenue Management
- Performance Management
- Alternate Payment Processing

Self-diagnostic capabilities

The Reino Digital RMV1 incorporates an automatic fault diagnosis system that produces notifications of various faults as they occur. This notification may occur in situ and/or via the wireless communications functionality of the unit to relevant staff.

Flexibility – changing streetscapes

A change in streetscape does not require a significant capital outlay. Each time a change occurs in the streetscape layout, all that is required is a simple change in software parameters and a new decal to alter the number of spaces each Reino multibay manages.

Meters adjacent to loading zones can control parking spaces in the loading zones at the times that loading is not appropriate, expanding the available parking spaces for motorist use.

Optional GSM/GPRS modem technology facilitates multiple payment options and communication with the industry leading ReinoNet

The Reino Digital RMV1 offers a range of payment options for motorists, including payment by coin, credit card and mobile phone. 'Alternate payment functionality' provides motorists with choice, convenience and additional means to pay for their parking.

Environmentally friendly battery

The Reino green-cell battery contains no lead, acid, cadmium or other environmentally sensitive components, instead it uses a unique zinc/air technology. The battery can be disposed at any landfill site without special procedures. The meter doesn't need to generate paper tickets, and this feature decreases its' impact on the environment. In these times when environmental responsibility is crucial, the RMV1 is a smart choice.

User-friendly interfaces make paying easy even for the first time user

The clear, large, high contrast graphic LCD display is fitted with a variable backlight to cater for all lighting conditions and after-dark operation. Simple, intuitive, interactive and context related instructions guide the motorist through the payment process, making paying easy even for the first time user. Each message screen is fully configurable and can contain a combination of text in different font sizes and/or graphical symbols, as well as supporting up to three languages simultaneously, including character-based languages. The meter software supports multiple fee structures/tariffs and parking regimes.



Coin payments



Credit card payments



Mobile phone payments



The RMV1 incorporates features to make enforcement easier for the Parking Inspector

Optional 'Enforcer'

The optional "Enforcer" on the rear of the meter indicates from a distance the status of each bay. This feature increases the Inspector's efficiency, as they only need to visit meters requiring attention.

Enforcement button

At the meter, with a single press of a dedicated "Enforcement Button" on the keypad, the expiry status for each bay is immediately and clearly displayed on the meter's LCD.

Anti-coin fishing runway design

The coin path in the RMV1 has been optimised to minimise the potential of coins becoming jammed and to maximise the successful validation of the required coin set. A suite of optical sensors track the location of each coin through the meter until they are either accepted or rejected. Introduced fluids and glues are filtered out whilst the smooth continuous design of the path further reduces the risk of blockages. The coin chute entrance incorporates barbs in its design, which prevent "coin fishing" at the meter.



The handle on the intelligent cashbox is presented at approximately knee height to facilitate easy and ergonomically safe removal. The cash box is fully interchangeable and can be used in any RMV1 meter.

RMV1 Technical Data	
Cabinet Construction	Laser cut, bent and welded mild steel
Meter Fascia	Modular fascia casting, enabling different configurations and upgrades
Finish Options	Baked powder coat in a choice of colours
Head	3mm thick
Post	3mm thick
Vault Door	5mm thick
Vault Chassis	3mm thick
User Interfaces	Backlit graphic LCD that works in conjunction with the keypad and tariff card. The coin slot stands at a height of 1,250mm – the recommended height for installations
Management System	Fully integrated management system that provides real-time meter and transaction status as well as extensive statistical reporting
Operating System	Intuitive operating systems for all parking stakeholders, including motorists, enforcement officers, maintenance staff and managers
Height	1300mm, the installed height is 1270mm
Width	Left to right – 300mm
Depth	Front to back – 200mm
Weight	54kg
Fixing	A choice of high tensile anchor bolts or a mounting plate, cast into concrete footing
Locks and Keys	Vault doors are fitted with restricted Abloy Protec locks with case hardened components. The head is secured with a high security restricted Bi-Lock
Processor	A LaunchPad CPU with a 32-bit processor controls the meter. A Smart Media Card is used to back up all data
Coin Handling and Validating	Anti fishing coin runway and coin validation system that consists of an optional anti-probe device (APD), coin entry chute, validator and input, reject and accept optos
Power Source	Green-cell battery
Cashbox	An intelligent and interchangeable cashbox (3 litre capacity), manages the cash audit trail and is suitable for stacking
GSM/GPRS Modem Technology	Optional GSM/GPRS modem technology enables multiple payment options and connection to ReinoNet Management System
Enforcer	Optional 'enforcer' can be added to allow the enforcement personnel to check 'expired' bays – up to 10 bays from the meter
Lock Covers	Customers can choose to install lock covers for extra security
Payment Options	Optional credit card reader and mPark mobile phone payment system



Reino International Pty Ltd
15/39 Herbert Street
St Leonards NSW 2065
www.reino.com.au



Reino International Your one-stop, single source, turnkey supplier for parking equipment, infringement-issuing devices, maintenance services and paid parking management tools.