

RM5 HD

The coin validator with HD high-discrimination system



Extreme reliability, remarkable acceptance speed
and high versatility

The RM5 HD coin validator has set new standards in coin validation

5 different sensors and 10 recognition parameters to ensure a high level of recognition and discrimination of valid and counterfeit coins with an unprecedented speed up to 6 coins per second. Its innovative type of construction ensures strength and durability. The advanced electronic and mechanical anti-fraud systems guarantee excellent security in all installation modes.

Features

- HD high-discrimination system based on 10 different parameters regarding: frequency, dimensions and phase
- 5-sensor identification technology: 3 inductive sensors, 1 optical sensor and 1 magnetic sensor
- High acceptance speed: up to 6 coins per second,
- Compatible with all coin sorters available on the market
- Advanced electronic and mechanical anti-fraud system: electronic antifishing device, coin movement direction detection, 3 mechanical traps, and wire cutting blade
- Indicator LED



- Also available the USB version
- Also available in tropicalised version to be used in environments affected by adverse weather conditions

Mechanical configurations

RM5 HD is available in two versions, with a different acceptance channel:

- Version A, optimised for the euro, which accepts coins with a maximum diameter of 27 mm and maximum thickness of 2.4 mm
- Version B, accepting coins with a diameter of up to 31.5 mm and thickness of up to 3.2 mm

The versions are available in four models to meet different installation requirements

Model	Coin entry	Coin reject
F	Top or front	Front
V	Top	Front
B	Top or front	Bottom / left
G	Top	Bottom / right

Tools



MultiConfig
Program for configuration via PC, which can be obtained free of charge from the download area at suzohapp.com



Virtual Dip Switch
A new device for on-site configuration operations.



PC Programming Kit
Includes coin validator support, test box, power supply, interface cable and the MultiConfig software

Versions

- USB
- Parallel Validator
- Parallel Validator with sorter
- Spain mode validator
- Binary Validator
- Confida Binary Validator
- Credit pulse emission totaliser
- Credit pulse emission totaliser with sorter control
- ccTalk Giochi Italia
- ccTalk Full

Technical Specifications

Dimensions (LxHxW)	99 x 102 x 55.5 mm
Weight	200 g
Power supply	12 ÷ 24 (±10%) Vdc
Current consumption	Stand by: max 70mA During acceptance: max 400mA
Operating temperature	0 °C ÷ 55 °C - 10% ÷ 75% umidity non-condensed (standard vesion) -25 °C ÷ 70 °C (tropicalised version)
Coins accepted	Ø 16 ÷ 27 mm; max thickness 2.4 mm (Standard) Ø 16 ÷ 31.5 mm; max thickness 3.4 mm (with acceptance channel: 4.5 mm)
Acceptance speed (without sorter)	Up to 6 coins per second
Acceptance rate	95% + first insertion 98% + second insertion
MTBF (Mean Time Between Failure)	at 25°C is around 170,000 hours
MCBF	1,000,000

Optional accessories

- RM1000-ADATTA5 vertical adaptor for vending machines without coin recycler
- Validator Adaptor from 3½" to 5"
- Front plates: available in the versions mod. F1 (60x118 mm), F6 (60x152 mm)
- Coin collection funnels of various heights: 9/16/25 mm
- RM5 HD PC Kit: coin validator support, test box, power supply, interface cable and the MultiConfig software
- Customizable graphic label by quantity