



G-13

Description

The NRI® G-13™ is the market leading 3.5" coin validator, setting the standards with its unique Multi-Frequency (MFT) validation. This popular coin validator is highly flexible in its application range thanks to the range of models, interfaces, and sorters offered. Used in applications ranging from AWP and slot machines to car washes and laundry mats, the G-13 is well suited with anti-stringing protection and protocol encryption for high-man security wherever it is needed.

CPI customers across the globe can attest to the resilience of this coin validator and its proven track record of being flexible in nature yet secure in validation.



COIN VALIDATOR

Benefits

High security validator uses unique Multi-Frequency Technology (MFT) protection against string manipulation and provides real-time optical monitoring of the coin path

Versatile interfaces and sorting options make it appealing to a variety of applications.

Flexible design and teach options like inhibiting single or group coins/tokens, currency updates, and configuration uploads



Specifications

Coin Insertion

- Single coin, top or front entry

Coin Speed (coin/s)

- 2 - 6 Coins per second

Dimensions (H x W x D in mm)

- Dimensions (HxWxD) 102mm x 89mm x 52mm

Industry Format

- 3.5 inch

Coin Sorting

- Optional / external 3-way

Operating Temperature

- -25°C to +70°C

Coin Processing

- 32 coins max. in 2 x 16 or 1 x 32 channels Coin Diameter: 15 – 31.5mm (optional up to 32.5mm) Coin Thickness: 1.5 – 2.5mm (optional up to 3.3mm)



COIN VALIDATOR

Front Plate

- Available for front entry

Interfaces Supported

- Parallel: Standard version
- Parallel: SGI 16/49/46/62/33/80/100 versions as Simple Gaming Interfaces
- Parallel: Casino version for high-speed coin acceptance
- Parallel: AMU version for AWP Spain
- Parallel: With totalizer function as 1/2-price totalizer, Timer, TV totalizer
- Parallel: BDTA-compatible 16-pole interfaces
- Parallel: ECV-totalizer
- Serial: ccTalk, also in combination with USB
- Serial: MDB and S1

Supply Voltage

- 10 V DC – 27 V DC $\pm 10\%$, Optional: 10 V DC – 48 V DC



Variants



Coin Entry and Outlet

- Top entry or front entry versions
- MIDI or MINI front plate
- Reversed coin outlet for top entry version

Dimensions (mm)

- Dimensions (HxWxD) 50mm x 100mm x 200mm

Wake-up Sensor for G-13.mft

For low power applications:

- Internal wake-up sensor
- Front plate with integrated wake-up sensor

Dimensions (mm)

- Dimensions (HxWxD) 25mm x 150mm x 50mm





Accessories



Firmware Upload Tools (G-13)

- Mobile HENRI+ service tool for on-site uploads
- WinFlash2 PC application for back-office uploads



Configuration Tools (G-13)

- Mobile HENRI+ service tool for on-site configuration uploads
- WinEMP PC application for back-office detail configuration
- WinEMP.dll program library for remote configuration uploads over host



Test Tools (G-13)

- ccTalk Demo PC application for testing coin acceptance of G-13.mft ccTalk
- WinSPT PC application for testing coin acceptance and interfaces of serial G-13.mft



- i² Mini Hub
- USB/RS-232 adapters for G-13.mft ccTalk
- MDB converter
- Converter to connect a parallel G-13.mft to other payment system control boards
- a² long channel coin changer housing
- 5" housing
- Payment Manager program library for serial coin validators
- NRIHIDAPI.dll program library for serial coin validators



Escrow

e² escrow for coin collection and deflection to cashbox or return area



Sorters (G-13)

- s² SSD 3-way standard sorters
- s² HSD 3-way high-speed sorter with optional frame



Front Plates for G-13.mft

- MIDI front plate (155 x 63mm)
- MINI front plate (120 x 60mm)



ccTalk Demo PC Application (G-13)

For testing coin validation



Manipulation Protection

Sensor for increased protection against manipulation in coin outlet area