Description

The NRI® G-13™ is the market leading 3.5” coin validator, setting the standards with its unique mft validation technology. This popular coin validator is highly flexible in its application range thanks to various models, interfaces and sorters offered. Used in applications ranging from AWP and slot machines to carwash and laundry mats, the G.13 is well suited with anti-stringing protection and protocol encryption for high manipulation 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.

Benefits

**High security** validator using unique Multi-Frequency Technology (MFT), protection against string manipulation and optical monitoring of the coin path.
Versatile interfaces and sorting options make it appealing to a variety of applications.

Flexible design and teach options available such as 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)

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 ±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
System Integrators (G-13)

- 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