

For more information contact: [support@innovative-technology.com](mailto:support@innovative-technology.com) or call [+44 161 507 1818](tel:+441615071818)

## Firmware Changes

### NV9 Spectral firmware version 1.14 released

A new version of NV9 Spectral firmware has now been released, 1.14. Firmware is contained within the currency dataset files and will be used on new sales orders.

#### Feature Highlights:

- Multi-Note float will now only operate on NV9 Spectral revisions 7.1 and higher  
(please see [hardware changes](#) section below)
- Payout speed optimisations
- Improved payout jam recovery
- Gives “Note path open” instead of “unsafe jam” when unit is opened
- Improved handling of unsafe jam and rejecting events
- Fixed false fraud events



### NV200 Spectral firmware version 4.24 released

A new version of NV200 Spectral firmware has now been released, 4.24. Firmware is contained within the currency dataset files and will be used on new sales orders.

#### Feature Highlights:

- Added support for alternative semi-conductors – Revision 9 hardware (please see [hardware changes](#) section below)
- No longer falsely triggers a PSU Monitor event
- Improved power up recovery with Spectral Payout note levels



# TECHNICAL BULLETIN

JULY 2022

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## NV200ST firmware version 4.61 released

A new version of NV200ST firmware has now been released, 4.61. Firmware is contained within the currency dataset files and will be used on new sales orders.

### Feature Highlights:

- Improvements made to stacker full status



## SCS firmware version 1.31 released

A new version of SCS firmware has now been released, 1.31. Firmware is contained within the currency dataset files and will be used on new sales orders.

### Feature Highlights:

- Support for alternative semiconductor's
- Payout flap now only toggles at power up when hopper levels are 0



## Product Firmware Version Reference Table

Product	BV20	BV50	NV9 / 11 / 12	NV9 Spectral	NV10USB+	NV200 / SP	NV200 Spectral	SH	SCS
Firmware	4.23	4.19	3.83	1.14	3.50	4.61	4.24	6.55	1.31

For a full list of firmware revision features and improvements please email: [support@innovative-technology.com](mailto:support@innovative-technology.com)

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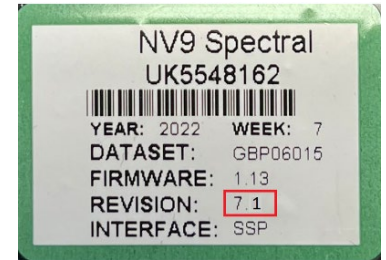
## Hardware Changes

### NV9 Spectral Rev 7.1

A new hardware revision of NV9 Spectral, Revision 7.1, is now released.

#### Feature highlights:

- Scissor mechanism retention improvements.
- Rear pinch wheel and diverter spring force amendments



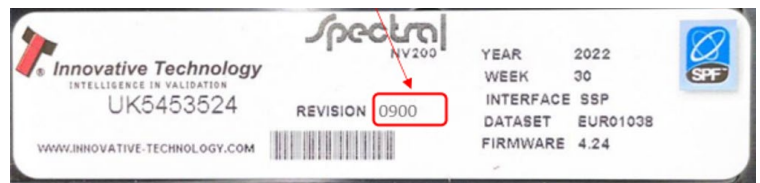
Identification

### NV200 Spectral Rev 9

A new hardware revision of NV200 Spectral, Revision 9, is now released.

#### Feature highlights:

- Support for alternative semi-conductors. Firmware 4.24 must be used and is backwards compatible
- Part changes to improve dust ingress



Identification

For full firmware or hardware release notes, please contact: [support@innovative-technology.com](mailto:support@innovative-technology.com) or [+44 161 507 1818](tel:+441615071818)

## Software Changes

Product	DA3 / DPS	Validator Manager	NVCard Utilities	ITL Drivers	SMART Data
Firmware	1.2.6	4.8	1.9.21	2.1	1.2.0.2

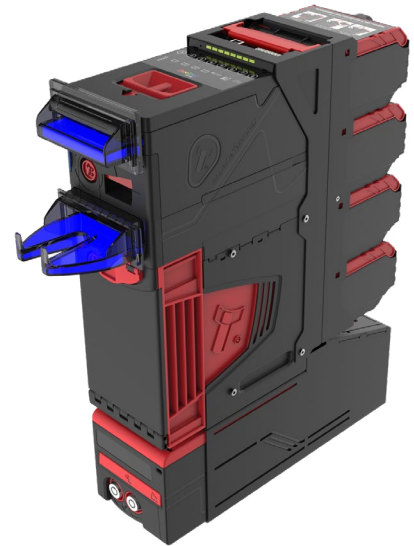
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## News

### Introducing the NV4000 Spectral...

The new NV4000 Spectral was introduced to the retail industry at EuroCIS last month. This advanced, high volume mixed bill recycler can accelerate customer throughput and with its clever modular design can help avoid expensive service calls.

Check out our latest promo video to see how the NV4000 Spectral can help your organisation improve staff efficiency with fewer refills and reduced machine downtime: [WATCH VIDEO >](#)



### Installations of MyCheckr for age estimation

Following a successful trial of age verification technology with Bestway Retail, we are delighted that they have decided to expand the technology into more Bargain Booze stores in the UK.

MyCheckr – anonymous age estimation powered by ICU Lite, is an all-in-one, standalone device that retailers can simply plug in to help cashiers with age check decisions. The technology is helping to boost staff confidence when asking customers for ID. It is fantastic to see Bestway Retail embracing this technology and clearly take their responsibility for protecting children from being mis-sold alcohol seriously.



**Bargain Booze**

Check out how MyCheckr can assist your organisation with anonymous age estimation: [www.intelligent-identification.com/mycheckr](http://www.intelligent-identification.com/mycheckr)

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