

600NEO and 300NEO:



Single Line Encoding

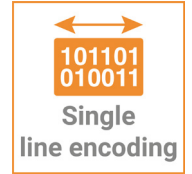
Central data, local print. Many enterprises hold sensitive and personal information securely within a protected datacentre. Organisations such as Banks, Retailers and Travel companies need to use some of that data to print cards for customers and employees at a local branch level.

The solution. In order to comply with regulations such as GDPR, the challenge has been to keep that information secure as it is sent from the datacentre to the printer. Single Line Encoding - also known as Single Wire Encoding-allows for data packaged at source to be sent securely from the datacentre to be unpacked at its destination and used by the printer's application.

The 600NEO and 300NEO are available as variants with Single Line Encoding capability. This enables encoding over USB, Ethernet or WiFi* using PC/SC APDU commands.

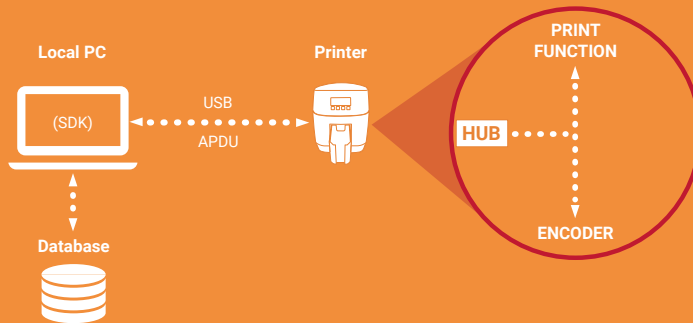
Essentially, the user's application at source must use Magicard SDK to wrap the APDU which is unwrapped by the printer and sent to the encoder.

*WiFi available on the 600NEO only.



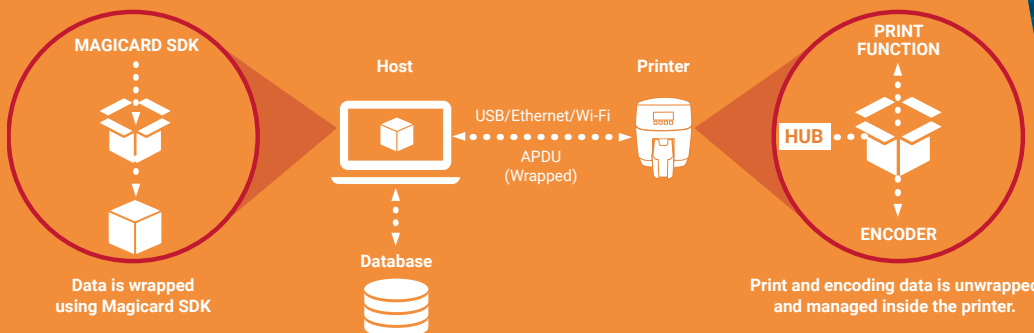
SMART CARD ENCODING PROCESS - STANDARD

Print function and encoder are treated as two separate devices.



SMART CARD ENCODING PROCESS - SINGLE LINE

Print and encoding data is sent to the print function where it is unwrapped and sent to the encoder.



600NEO

Printer specifications

Print mode

Colour dye sublimation, monochrome thermal printing and rewritable technology.

Print speed - single-sided

Full colour: Up to 190 cards per hour.

Card security

10 x HoloKote designs
HoloPatch Cards
10 x Custom HoloKote designs

Encoding security options

Magnetic stripe encoding: HiCo and LoCo ISO 7811.
Smart card encoding: Contact chip, MIFARE®, DESFire® and iClass®. Others available.
Single line encoding.

Warranty**

3 years MagiCover NEO Limited Warranty.

Card capacity

100 card feeder, 70-card stacker.

Printer interfaces

High Speed USB 2.0, USB 3.0 compatible - Type B, 10/100 Ethernet. External Host USB Port. Wi-Fi via supplied dongle.

Driver compatibility

Windows 7, 8, 10, 11 (32 and 64bit) Windows server 2008, 2012, 2016.
Linux with CUPS support and Mac OS X 10.9.0 upwards.

Weight

4.7kg /10.4lb

Power source

External power supply 100-240V 50-60Hz autoranging.

Dimensions

211.5 W x 248 H x 475.5 Dmm / 8.3 W x 9.8 H x 18.9 D"

Operating environment

Sheltered office environment 10°C to 30°C / 50°F to 85°F.

Variants

Part No.

600NEO Uno	3652-6501/4
600NEO Uno Mag	3652-6502/4
600NEO Uno Smart	3652-6503/4
600NEO Uno Mag Smart	3652-6504/4
600NEO Uno Smart SLE	3652-6505/4
600NEO Uno Mag Smart SLE	3652-6506/4
600NEO Duo	3652-6521/4
600NEO Duo Mag	3652-6522/4
600NEO Duo Smart	3652-6523/4
600NEO Duo Mag Smart	3652-6524/4
600NEO Duo Smart SLE	3652-6525/4
600NEO Duo Mag Smart SLE	3652-6526/4

300NEO

Printer specifications

Print mode

Colour dye sublimation, monochrome thermal printing and rewritable technology.

Print speed - single-sided

Full colour: Up to 160 cards per hour.

Card security

4 x HoloKote designs
HoloPatch Cards
4 x Custom HoloKote designs

Encoding security options

Magnetic stripe encoding: HiCo and LoCo ISO 7811.
Smart card encoding: Contact chip, MIFARE®, DESFire® and iClass®. Others available.
Single line encoding.

Warranty**

2 years MagiCover NEO Limited Warranty.

Card capacity

100 card feeder, 70-card stacker.

Printer interfaces

High Speed USB 2.0, USB 3.0 compatible - Type B, 10/100 Ethernet. External Host USB Port.

Driver compatibility

Windows 7, 8, 10, 11 (32 and 64bit) Windows server 2008, 2012, 2016.
Linux with CUPS support and Mac OS X 10.9.0 upwards.

Weight

4.98kg /10.9lb

Power source

External power supply 100-240V 50-60Hz autoranging.

Dimensions

215 W x 242 H x 408 Dmm / 8.5 W x 9.5 H x 16 D"

Operating environment

Sheltered office environment 10°C to 30°C / 50°F to 85°F.

Variants

Part No.

300NEO Uno	3300-6001/4
300NEO Uno Mag	3300-6002/4
300NEO Uno Smart	3300-6003/4
300NEO Uno Mag Smart	3300-6004/4
300NEO Uno Smart SLE	3300-6005/4
300NEO Uno Mag Smart SLE	3300-6006/4
300NEO Duo	3300-6021/4
300NEO Duo Mag	3300-6022/4
300NEO Duo Smart	3300-6023/4
300NEO Duo Mag Smart	3300-6024/4
300NEO Duo Smart SLE	3300-6025/4
300NEO Duo Mag Smart SLE	3300-6026/4



**Warranty subject to the observance of specific conditions of use and maintenance, as well as the use of certified 'Original Magicard' dye films.

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The information contained in this document reflects the current state of design and we reserve the right to change the specification without notice or obligation.



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