HID Global

# SIGNO SMART reader - 13.56 MHz SEOS iClass SIO - Wall Switch

**SCAP part number: 40NS-SMART**

HID Signo 40 reader (wide, wall-switch format): HID's flagship reader range, mobile-ready, with built-in OSDP. SMART profile: 13.56 MHz — SEOS, iCLASS and SIO.




## Key features

- Mobile-ready: Bluetooth and NFC (HID Mobile Access, Apple Wallet via ECP)
- Built-in OSDP with Secure Channel, for secure two-way communication
- EAL5+ certified secure element (evaluation in progress according to the data sheet) for key storage
- Surface detection: the reader recalibrates automatically to optimise the read range
- Remote management and updates with HID Reader Manager, configuration by mobile or OSDP
- Supports more than 15 credential technologies, including iCLASS Elite and Corporate 1000
- IP65 rating, indoor and outdoor installation

## Technical specifications

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|---|---|
| **HID model** | Signo 40 |
| **Frequencies** | 125 kHz, 13.56 MHz and 2.4 GHz (Bluetooth) |
| **13.56 MHz** | Seos, iCLASS SE, iCLASS SR, iCLASS, MIFARE Classic®, MIFARE DESFire® EV1, EV2 and EV3; Seos mobile credentials (HID Mobile Access, NFC/BLE) |
| **125 kHz** | HID Proximity, Indala Proximity, AWID Proximity, EM Proximity |
| **Typical read range** | 4 to 10 cm (Seos, MIFARE®, DESFire®, ISO 14443A); 6 to 10 cm (125 kHz) |
| **Interfaces** | Wiegand and RS-485 half duplex (OSDP) |
| **Connection** | 0.5 m cable (pigtail) or terminal block |
| **Power supply** | 12 V DC |
| **Power consumption** | Normal standby: 65 mA; maximum average: 75 mA; IPM mode: 45 mA; peak: 250 mA |
| **Dimensions (width × length × depth)** | 80 × 121.5 × 19.5 mm |
| **Weight** | 140 g / 120 g |
| **Material** | Polycarbonate UL94 V0 |

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| **Colour** | Black housing, silver plate |
| **Operating temperature** | -35 °C to +66 °C; humidity 0 – 95% non-condensing |
| **Protection rating** | IP65; UL294 indoor / outdoor |
| **Inputs / outputs** | Input: three-colour LED, buzzer, hold; output: tamper relay 0 – 60 V DC, 100 mA max. |
| **Manufacturer's warranty** | Limited lifetime (HID terms) |
| **Note** | The technologies listed are those of the Signo family; the factory configuration of this part number's profile may restrict what it reads. Contact us to confirm compatibility. |
| **Certifications** | UL294/cUL, FCC, IC, CE, RCM, RoHS, Bluetooth SIG and other regions (see hidglobal.com/certifications) |
| **Housing width** | Wide |
| **Secure reading** | Yes: Seos and iCLASS (DESFire® badges require a Standard or Custom profile) |
| **Bluetooth** | Yes |

## Applications

- High-security access control
- Migration from legacy technologies to Seos / mobile
- Connected sites managed remotely

## Commercial information

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|---|---|
| **SCAP part number** | 40NS-SMART |
| **Brand** | HID Global – HID Signo range |
| **Family** | HID Global brand |
| **Description** | SIGNO SMART reader - 13.56 MHz SEOS iClass SIO - Wall Switch |
| **Delivery** | Constant stock; next-day or two-day delivery depending on availability. Lead times are given for guidance only. |
| **Free carriage threshold** | For any order delivered in a single shipment with a minimum value of €1,000 excl. VAT (excluding carriage). Mainland France. |
| **Minimum order** | €100 excl. VAT. Below that: payment in advance or a €15 excl. VAT handling charge. |
| **Payment** | First order paid in advance when the account is opened, then 30 days end of month once credit insurance is approved. |
| **Warranty** | 12 months from the invoice date (return for replacement or repair of the faulty part). |
| **Complaints** | Visible defects: reservations within 2 clear days of receipt. Quantities and quality: 8 clear days. |
| **Returns** | Only with prior written agreement, within one month of delivery; credit note issued on the basis of 90% of the invoiced amount. |

## Documents and sources

- Data source: HID Signo data sheet (PLT-04831, 2020-03)

Indicative specifications, subject to change without notice. Prices and availability: contact SCAP.