

# Keyscan IDSOSE

## Dual technology smart card



### Advantages at a glance

- Multi-technology card for upgrading to higher security and functionality
- Versatile – Supports iCLASS® and advanced credential technology powered by Seos®, allowing seamless migration to a higher standard of security and functionality.
- Convenient – Save time and resources by managing a one card credential solution instead of two separate cards.
- Designed to bridge Keyscan Elite Key and Public (Standard) Key technologies for use throughout a facility.

### Beyond traditional credentials

This new dual-technology smart card is the perfect solution for environments where multiple legacy and/or proprietary reader technologies are in place and the migration to newer technology is desired.

Customers currently using iCLASS Seos, iCLASS SE or iCLASS legacy with Keyscan Elite Key technology may augment or expand their systems using the new Keyscan HID Signo Public Key Readers.

This versatile smart card is interoperable with both Public Key Signo reader series and all iCLASS SE® and iCLASS legacy readers with Keyscan Elite Key.

This helps facilitate the migration to more modern and secure access control environments by offering a convenient method to bridge the Elite Key and Public Key technologies and replace readers gradually as time and budget allow.

Specifications

Operating frequency	13.56MHz
Memory type	EEPROM
Memory size	8KBytes (seos); 2k bit/32k bit (iCLASS SE)
Dimensions	2.12" x 3.35" x 0.315" (54 mm x 85mm x 0.8mm)
Read range	High-frequency credentials: 1.6 to 4 in (4 to 10 cm) Standard frequency credentials: 2.4 to 4 in (6 to 10 cm)
Card construction	Composite with 60% PVC / 40% PET, laminated card
Color	White
Operating temperature	-40°F to + 158 °F (- 40 °C to + 70 °C)
Storage temperature	-31°F to + 122°F (- 35 °C to + 50 °C) for 1000h
Weight	5.5g
Thermal shock	-31°F to + 176°F (- 35 °C to + 80 °C), 50 cycles of 5 minutes, 30s transition time
Printable	Yes (glossy white front /glossy white back)
Slot punch	Not available, not recommended
Standards compliance	ISO/IEC7810, ISO14443, ISO10373, ISO60529, ISO7816
Operates with	iCLASS SE; iCLASS legacy; Seos with Keyscan Elite Key and/or Public Key
Warranty	Limited lifetime

Dual technology card performance is lower than single technology cards.  
Ensure a suitable reader is selected to match the installation environment to achieve desired performance.  
Actual results may vary based on environment. Spacer may be required.  
Results reflect mounting on a dry wall or other non-metallic surface and with no metal in vicinity of the reader.  
Metal and other surfaces may affect read range performance

Any questions? We would be happy to advise you.  
Contact us at: 1-888-539-7226