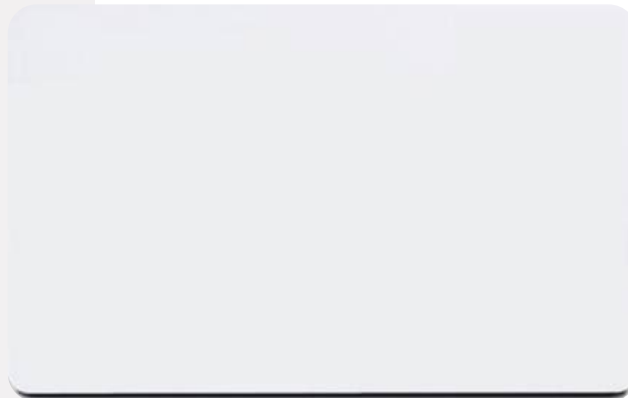




iCLASS Seos

OS 8K Memory 13.56MHz H10301 26bit card,
with rolling card serial number

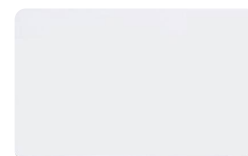


Key features

- High Frequency Solution for Increased Security, Privacy and Portability
- Data confidentiality and strong authentication
- Strong privacy
- Increased interoperability
- Technology-independent security

iCLASS Seos

OS 8K Memory 13.56MHz H10301 26bit card, with rolling card serial number



Operating frequency	13.56 MHz with ISO/IEC 14443 Type A
Typical Maximum Read Range	3–4" (depending the reader used)
Dimensions	2.127" x 3.375" x 0.033" max (5.40 x 8.57 x 0.084 cm)
Construction	Composite with 60% PET/40% PVC
Operating Temperature	–40° to 158° F (–40° to 70° C)
Weight	0.20 oz (5.5g)
Memory Size/ Application Areas	16 KB available space
Secure Messaging	EN 14890–1 and 7816 aligned using AES/2TDEA algorithm
Mutual Authentication Mechanism	Based on ISO/IEC 24727–3 2008 with NIST SP800–56A (for session key derivation)
Write Endurance	Min 500,000 cycles
Contact Smart Chip	Embedded
Printable	Yes (white/white card) when used with direct imaging and thermal transfer printers Exclusion areas for printing may apply in some areas of the card plastic
Data Retention	Min 20 years
HID Proximity	No
Slot Punch	Not available
Warranty	Lifetime