iCLASS SE®
Décor Reader

HID®

white

light grey

black

HID Global iCLASS SE®
Décor Reader

KEY FEATURES

- New look, new design for office buildings meeting architectural and style requirements

- Sustainable design – technology-independent reader with stylish form factor and flush mounting

- Integrator kit available for mounting 3rd party face plates – seamlessly fits light switch frames as well as intercom systems

- Supports Open Supervised Device Protocol (OSDP) for secure, bi-directional communications

- Multi-technology reader for the widest variety of credential support including iCLASS Seos®, iCLASS SE®, MIFARE® and DESFire® EV1

- Provides secure upgrades for migration and an extended life cycle

- Supports mobile access applications

- Features field programming capability with enhanced functionality for future applications

- Includes intelligent power management and recycled content for sustainability

- Specifically designed for the European market

SPECIFICATIONS

Model Name	R95A
	13.56 MHz Single Technology ID-1 Credentials (Cards) – SIO Data Model
Typical Read Range*	**iCLASS SE®:** 7 cm **SE for DESFire® EV1:** 4 cm **SE for MIFARE® Classic:** 6 cm
	13.56 MHz Single Technology Tags/Fobs – SIO data Model
	iCLASS SE®: 4 cm **SE for MIFARE® Classic:** 3 cm
Colour	White, Black, Light Grey
Keypad	No
Product Weight (Terminal Strip)	Approx. 80 grams (includes base reader module and cover assy)
Operating Voltage Range	5-16 VDC, Linear supply recommended
Current Draw – Standard Power Mode*** (mA)	60 mA
Current Draw – Intelligent Power Management (IPM) Mode*** (mA)	40 mA
Peak Current Draw – Standard Power or IPM Mode*** (mA)	110 mA
NSC** Power Consumption – Standard Power Mode (W @ 16VDC)	1.0
NSC** Power Consumption – w/ IPM (W@ 16VDC)	0.6
Operating Temperature	-31º to 150º F (-35º to 65º C)
Storage Temperature	-67º to 185º F (-55º to 85º C)
Operating Humidity	5% to 95% relative humidity non-condensing
Environmental Rating	IP54
Transmit Frequency	13.56 MHz
13.56 MHz Card Compatibility	Secure Identity Object™ (SIO® Non-default programmable options include: additionally support – standard iCLASS® Access Control Application (order with standard interpreter)
Communications	Optional OSDP with SCP over RS485 Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) – Use shielded cable for best results
Panel Connection	Terminal Strip
Certifications	FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), RoHS
Crypto Processor Hardware Common Criteria Rating	EAL5+
Patents	US7124943, US6058481, US6337619
Housing Material	UL94 Polycarbonate
Manufactured with % of recycled content (Pigtail)	10.5%
Manufactured with % of recycled content (Terminal Strip)	10%
Sustainability	WEEE, Rohs, REACH
UL Ref Number	RA30E
Warranty	Limited Lifetime

* Typical read range achieved in air. Different types of metal will cause some degradation (typically up to 20%). Use spacers to space product off metal and improve read range if required.
** NSC = Normal Standby Current   *** Measured in accordance with UL294 standards

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2014-06-11-iclass-se-decor-reader-br-en   PLT-01789

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