

SPECIFICATIONS

Model Name	R10
Base Part Number	900N
Typical Read Range* (inches)	13.56 MHz Single Technology ID-1 Credentials (Cards) – SIO Data Model
	iCLASS SE: 2.8" (71 cm) SE for DESFire® EV1: 1.6 (4.1 cm) SE for MIFARE® Classic: 2.6" (6.6 cm)
	13.56 MHz Single Technology Tags/Fobs – SIO data Model
	iCLASS SE: 1.5" (3.8 cm) SE for MIFARE® Classic: 1.2" (3.0 cm)
Color	From HID-White, Black, Lt. Gray, aluminum and Anthracite
Keypad	No
Product Weight (Pigtail)	
Product Weight (Terminal Strip)	
Operating Voltage Range	5-16 VDC, Linear supply recommended
Current Draw - Standard Power Mode*** (mA)	45
Current Draw - Intelligent Power Management (IPM) Mode*** (mA)	25
Peak Current Draw - Standard Power or IPM Mode*** (mA)	75
NSC** Power Consumption - Standard Power Mode (W @ 16VDC)	0.7
NSC** Power Consumption - w/ IPM (W@ 16VDC)	0.4
Operating Temperature	-31° to 150° F (-35° to 65° C)
Storage Temperature	-67° to 185° F (-55° to 85° C)
Operating Humidity	5% to 95% relative humidity non-condensing
Environmental Rating	IP55
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	Pigtail or Terminal Strip
Certifications	UL294/cUL**** (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), SRRC (China), MIC (Korea), NCC (Taiwan), iDA (Singapore), RoHS, FIPS-201 Transparent FASC-N Reader
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)	11.0%
UL Ref Number	R10E
Warranty	Limited Lifetime



iCLASS SE® Décor Reader





HID Global iCLASS SE® Décor



white



light grey



anthracite



black



aluminum

- New look, new fit for office design buildings meeting architectural and style requirements
- Stylish form factor with flush mounting
- Seamlessly fits switch solutions (Gira, Legrand) as well as intercom systems (Siedler)
- Supports Open Supervised Device Protocol (OSDP) for secure, bi-directional communications
- Multi-technology reader for the widest variety of credential support including iCLASS SE®, iCLASS Seos™, MIFARE®, DESFire® and Proximity technologies
- Provides secure upgrades for migration and extended lifecycle
- Supports Mobile Access applications through Near Field Communication (NFC)
- Deliver enhanced functionality for future applications
- Includes intelligent power management and recycled content for sustainability

