

R10 Express

Card Reader



Key Features

- Cost-Effective Platform
- Designed for secure card
- Made for Seos
- Remarkable performance with industry-leading Seos credential technology

R10 Express	
Frequency	13.56 MHz Single Technology ID-1 Cards
13.56 MHz Credential Compatibility with typical Read Range	iCLASS® Seos: 2"(5cm)
	ISO14443A (MIFARE CLASSIC, MIFARE DESFire EV1 & MIFARE DESFire EV2) CSN (5cm))
Mounting	Ideally suited for mullion-mounted door installations or any flat surface
Color	Black
Keypad	No
Dimensions	1.9"x 4.1"x 0.9" (4.8cm x 10.3cm x 2.3cm)
Product Weight (Pigtail)	92g
Operating Voltage Range	12V
Current Draw - Standard Power Mode (mA)	46 @ 12V
Current Draw-Intelligent Power Management (IPM) Mode (mA)	28 @ 12V
Peak Current Draw-Standard Power or IPM Mode (mA)	250 @ 12V
NSC Power Consumption - Standard Power Mode (W@16V DC)	0.55 @ 12V
NSC Power Consumption - w/ IPM (W@16V DC)	0.35 @ 12V
Operating Temperature	-35°C to +65°C
Storage Temperature	-40°C to +85°C
Operating Humidity	5% to 95% relative humidity non-condensing
Environmental Rating	Environmental Rating Indoor/Outdoor IP55; IP65, if installed with optional gasket IP65 Transmit Frequency
Transmit Frequency	13.56MHz
13.56MHz Card Compatibility	Secure Identity Object™ (SIO) on Seos®
Communications	Wiegand
Panel Connection	Pigtail
Certifications	UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU), RCM (Australia, New Zealand), RoHS
Crypto Processor Hardware Common Criteria Rating	EAL5+
Housing Material	UL94 polycarbonate
Manufactured with % of Recycled Content (Pigtail)	10.50%
Manufactured with % of Recycled Content (Terminal Strip)	11.00%
UL Ref Number	R10F