

ASSA ABLOY

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2013-11-15-iclass-se-decor-reader-br-en

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iCLASS SE® Decor Reader



ICLASS SE® FLUSH-MOUNTED READER





white





light grey



HID Global iCLASS SE® Decor Reader

KEY FEATURES

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

SC** Power Consumption - Standard Power Mode (W @ 16VDC) NSC** Power Consumption - W/ IPM (W@ 16VDC) 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 Transmit Frequency 13.56 MHz Card Compatibility Secure Identity Object™ (SIO° Non-default programmable options include: additionally support - standard interpreter) Communications Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) - Use shielded cable for best results Panel Connection Certifications UL294/cUL**** (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), RoHS	Model Name	R95A
Typical Read Range* SE for MERRE* Classic 6 cm 13.56 Mtz Single Technology Tagu/roba - SIO data Model ICLASS SE*: 4 cm SE for MIRARE* Classic 3 cm Koypad No Product Weight (Terminal Strip) Operating Voltage Range Current Draw - Steadard Dower Moder** (mA) Current Draw - Intelligent Power Moder** (mA) Current Draw - Intelligent Power Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) SC** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power Or JPM Moder** (mA) Sc** Power Consumption - Stendard Power O	Typical Read Range*	13.56 MHz Single Technology ID-1 Credentials (Cards) - SIO Data Model
CCLASS SET: 4 cm SE for MIFARE* Classic: 3 cm Colour Keypad No Product Weight (Ternial Strip) Approx. 80 grams (includes base reader module and cover assay) Operating Voltage Range		SE for DESFire* EV1: 4 cm
Keypad No Product Weight (Terminal Strip) Approx. 80 grams (includes base reader module and cover assy) Operating Voltage Range Current Draw - Standard Power Mode*** (mA) Current Draw - Intelligent Power Management (IPH) Mode*** (mA) Current Draw - Intelligent Power Management (IPH) Mode*** (mA) Current Draw - Intelligent Power Management (IPH) Mode*** (mA) SC** Power Consumption - Standard Power Operating Humidot** (mA) SC** Power Consumption - Standard Power Mode*** (mA) Operating Temperature -3F to 150* F (-35* to 65* C) Operating Humidity Storage Temperature -3F to 150* F (-55* to 85* C) Operating Humidity Transmit Frequency 13.56 MHz Card Compatibility Secure Identity Object** (SIO* Non-default programmable options include: additionally support - standard (Italy School) Communications Wiegand/Clock-and-Data Interface 500ft (150m) C29 use shielded cable for best results Panel Connection Certifications Current Parlams Patents Housing Material Manufactured with % of recycled content (Pigtall) Manufactured with % of recycled content (Pigta		13.56 MHz Single Technology Tags/Fobs - SIO data Model
No No No No No No No No		iCLASS SE*: 4 cm SE for MIFARE* Classic: 3 cm
Product Weight (Terminal Strip) Operating Voltage Range Current Draw - Standard Power Mode*** (mA) Current Draw - Intelligent Power Management (IPPM Mode*** (mA) Current Draw - Intelligent Power Management (IPPM Mode*** (mA) SC** Power Consumption - Standard Power Power Mode (W @ 16VDC) NSC** Power Consumption - Standard Power Mode (W @ 16VDC) NSC** Power Consumption - WijPM Mode*** (mA) Operating Temperature Storage Temperature Operating Humidity Environmental Rating Transmit Frequency 13.56 MHz Card Compatibility Communications Panel Connection Certifications Certifications Certifications Patents Patents	Colour	White, Black, Light Grey
Operating Voltage Range Current Draw - Standard Power Mode*** (mA) Current Draw - Standard Power Management (PPh) Mode*** (mA) Peak Current Draw - Standard Power or IPM Mode*** (mA) SC*** Power Consumption - Standard Power Operating Temperature Operating Temperature Operating Humidity Storage Temperature Operating Humidity Storage Temperature Operating Humidity Some Mode (Management of Power Mode (Management) Operating Humidity Some Mode (Management) Operating Temperature Operating Humidity Some Mode (Management) Operating Humidity Operating Humidity Some Mode (Management) Operating Humidity Some Mode (Management) Operating Humidity Oper	Keypad	No
Current Draw - Standard Power Mode**** (mA) Current Draw - Intelligent Power Management (IPM) Mode**** (mA) Peak Current Draw - Standard Power on IPM Mode**** (mA) SC*** Power Consumption - Standard Power Mode (W ® 16VDC) NSC*** Power Consumption - My IPM (W ® 16VDC) Operating Temperature -31° to 150° F (-35° to 65° C) Storage Temperature -67° to 185° F (-55° to 85° C) Operating Humidity Environmental Rating Transmit Frequency 13.56 MHz Card Compatibility Communications Panel Connection Certifications Certifications Certifications Certifications Certifications Crypto Processor Hardware Common Criteria Rating Patents Housing Material Manufactured with % of recycled content (Pigtail) Manuf	Product Weight (Terminal Strip)	Approx. 80 grams (includes base reader module and cover assy)
Current Draw - Intelligent Power Management (IPM) Mode*** (mA) SC***Power Consumption - Standard Power or IPM Mode*** (mA) SC***Power Consumption - Standard Power or IPM Mode*** (mA) SC***Power Consumption - Standard Power or IPM Mode*** (mA) SC***Power Consumption - Standard Power or IPM Mode*** (mA) SC***Power Consumption - Standard Power or IPM Mode*** (mA) SC***Power Consumption - Standard Power or IPM Mode*** (mA) SC***Power Consumption - Standard Power Mode (W @ 16VDC) NSC***Power Consumption - Standard Power Mode** (mA) SC***Power Consumption - Standard Power Mode** (mA) Storage Temperature	Operating Voltage Range	5-16 VDC, Linear supply recommended
Peak Current Draw - Standard Power or IPM Mode*** (mA) SC*** Power Consumption - Standard Power for IPM Mode*** (mA) SC*** Power Consumption - Standard Power Mode (W & 16VDC) NSC*** Power Consumption - W / IPM (We 16VDC) Operating Temperature		60 mA
SC**Power Consumption - Standard Power Mode (W. @ 16VDC) NSC**Power Consumption - Standard Power Mode (W. @ 16VDC) NSC**Power Consumption - Wy IPM (W.@ 16VDC) Operating Temperature -31° to 150° F (-35° to 65° C) Storage Temperature -67° to 185° F (-55° to 85° C) Operating Humidity Secure Identity Object** (SIO° Non-default programmable options include: additionally support - standard incl. Access Control Application (order with standard interpreter) Communications Communications Panel Connection Certifications Certifications Certifications Certifications Crypto Processor Hardware Common Criteria Rating Housing Material Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Sustainability WEEE, Rohs, REACH UL Ref Number		40 mA
Power Mode (W @ 16VDC) NSC** Power Consumption	Peak Current Draw - Standard Power or IPM Mode*** (mA)	110 mA
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 IP54 Transmit Frequency 13.56 MHz Secure Identity Object™ (SIO° Non-default programmable options include: additionally support - standard interpreter) Communications Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) - Use shielded cable for best results Panel Connection Certifications Certifications Certifications Crypto Processor Hardware Common Criteria Rating Housing Material Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Sustainability WEEE, Rohs, REACH UL Ref Number	ISC** Power Consumption - Standard Power Mode (W @ 16VDC)	1.0
Storage Temperature Operating Humidity S% to 95% relative humidity non-condensing IP54 Transmit Frequency I3.56 MHz Secure Identity Object™ (SIO* Non-default programmable options include: additionally support - standard iCLASS* Access Control Application (order with standard interpreter) Communications Wiegand/Clock-and-Data Interface 500ft (ISom) (22AWG) - Use shielded cable for best results Panel Connection Certifications Crypto Processor Hardware Common Criteria Rating Housing Material Manufactured with % of recycled content (Pigtall) Manufactured with % of recycled content (Pigtall) Manufactured with % of recycled content (Pigtall) Sustainability WEEE, Rohs, REACH UL Ref Number RA30E		0.6
Operating Humidity Environmental Rating IP54 Transmit Frequency 13.56 MHz Card Compatibility Communications Communications Panel Connection Certifications Crypto Processor Hardware Common Criteria Rating Housing Material Housing Material Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Manufactured with % of recycled content (Pigtail) Sustainability WEEE, Rohs, REACH UL Ref Number I 13.56 MHz IP54 I 13.56 MHz I 13.56	Operating Temperature	-31º to 150º F (-35º to 65º C)
Environmental Rating Transmit Frequency 13.56 MHz Card Compatibility Secure Identity Object™ (SIO* Non-default programmable options include: additionally support - standard interpreter) Communications Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) - Use shielded cable for best results Panel Connection Terminal Strip Certifications Certifications Cull294/cull**** (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), RoHS Crypto Processor Hardware Common Criteria Rating Patents US7124943, US6058481, US6337619 Housing Material Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Sustainability WEEE, Rohs, REACH UL Ref Number	Storage Temperature	-67º to 185º F (-55º to 85º C)
Transmit Frequency 13.56 MHz Secure Identity Object** (SIO* Non-default programmable options include: additionally support - standard icLASS* Access Control Application (order with standard interpreter) Optional OSDP with SCP over RS485 Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) - Use shielded cable for best results Panel Connection Certifications Certifications Certifications UL294/cUL***** (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), RoHS Crypto Processor Hardware Common Criteria Rating Housing Material Housing Material Manufactured with % of recycled content (Pigtali) Manufactured with % of recycled content (Terminal Strip) Sustainability UL Ref Number RA30E	Operating Humidity	5% to 95% relative humidity non-condensing
13.56 MHz Card Compatibility Secure Identity Object*** (SIO* Non-default programmable options include: additionally support – 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 UL294/cUL***** (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), RoHS Crypto Processor Hardware Common Criteria Rating Housing Material US7124943, US6058481, US6337619 Housing Material Manufactured with % of recycled content (Pigtali) Manufactured with % of recycled content (Terminal Strip) Sustainability WEEE, Rohs, REACH UL Ref Number	Environmental Rating	IP54
Communications Communications Communications Certifications Certifications Crypto Processor Hardware Common Criteria Rating Housing Material Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Manufactured with % of recycled content (Terminal Strip) Sustainability CLASS* Access Control Application (order with standard interpreter) Optional OSDP with SCP over RS485 Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) – Use shielded cable for best results Terminal Strip UL294/cUL**** (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), RoHS EAL5+ DUS7124943, US6058481, US6337619 UL94 Polycarbonate 10.5% Manufactured with % of recycled content (Pigtail) WEEE, Rohs, REACH UL Ref Number	Transmit Frequency	13.56 MHz
Communications Wiegand/Clock-and-Data Interface 500ft (150m) (22AWG) - Use shielded cable for best results Panel Connection Terminal Strip Certifications UL294/cUL***** (US), 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	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)
Panel Connection Certifications Crypto Processor Hardware Common Criteria Rating Patents Patents Housing Material Manufactured with % of recycled content (Pigtall) Manufactured with % of recycled content (Pigtall) Sustainability UL Ref Number Terminal Strip Terminal Strip Terminal Strip Terminal Strip Terminal Strip LU294/cUL**** (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), RoHS EAL5+ US7124943, US6058481, US6337619 UL94 Polycarbonate 10.5% WEEE, Rohs, REACH	Communications	·
Certifications UL294/cUL***** (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), RoHS EAL5+ Patents US7124943, US6058481, US6337619 Housing Material UL94 Polycarbonate Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Sustainability UL Ref Number RA30E	Panel Connection	
Criteria Rating Patents US7124943, US6058481, US6337619 Housing Material Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Sustainability UL Ref Number RA30E		UL294/cUL**** (US), FCC Certification (US), IC (Canada), CE (EU),
Housing Material Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Sustainability UL Ref Number UL Ref Number	Crypto Processor Hardware Common Criteria Rating	EAL5+
Manufactured with % of recycled content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Sustainability UL Ref Number RA30E	Patents	US7124943, US6058481, US6337619
Content (Pigtail) Manufactured with % of recycled content (Terminal Strip) Sustainability UL Ref Number RA30E	Housing Material	UL94 Polycarbonate
Content (Terminal Štrip) Sustainability WEEE, Rohs, REACH UL Ref Number RA30E		10.5%
UL Ref Number RA30E		10%
	Sustainability	WEEE, Rohs, REACH
Warranty Limited Lifetime	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 **** UL294 functionally certified for Wiegand output only