

DATASHEET

Design XS - ANSI Wall Reader

The Design XS ANSI Wall Reader is setting new industry standards with its unique security features for smart access control and cutting-edge design. This wall reader provides the option of PIN code access, allowing for double authentication and enhanced opening modes, thereby increasing security.



TECHNICAL DATA:

Reader dimensions :	96 x 141 x 29,5 mm 3-3/4" x 5-9/16" x 1-5/32"
Weight:	20 g - 1 Oz
Cover material:	PC/ASA
IP class:	IP66
Certifications:	CE, UKCA, FCC, IC, ACMA, EAC, MIC, IMDA, NCC, KCC, TDRA, SUBTEL, CRA, NOM, IFT, WPC, UL294

ELECTRONIC FEATURES:

Power:	12V supplied by the door controller.
Connection to the door controller:	AWG24 twisted pair or AWG18 cable connection.
Firmware update:	Via software platform.
LED lamps:	Multi colour led to indicate access authorisation.

ELECTRONIC CHARACTERISTICS:

Operations conditions:

	Min	Max	Unit
Temperature:	-35*	66	°C
	-31*	150	°F
Humidity:	35	85	%

*iCLASS® Seos™: -25 °C / -13 °F

Power consumption:

	Min	Max	Unit
Reader		150	mA

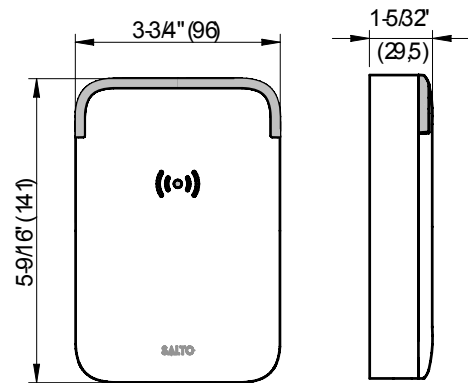
RF characteristics:

	Min	Gen	Unit
RFID frequency:		13,56	MHz
Bluetooth LE frequency:	2,4	2,445	GHz

Cable type and distances:

	Reader
UTP Cat5e 2 pairs AWG24	100m 328ft
UTP Cat5e 4 pairs AWG24 + SP224861/SP224895	250m 820ft
Twisted pairs AWG18	400m 1312ft

TECHNICAL DRAWING:



CREDENTIAL TECHNOLOGIES:

Justin Mobile Credentials¹:	•
NXP MIFARE²:	•
HID³:	•

¹Bluetooth Digital Key and Near Field Communication (NFC) capability.

²MIFARE® DESFire® EV1/EV2/ EV3, MIFARE® Plus, MIFARE® Ultralight C, MIFARE® Classic.

³iCLASS®, Seos®.

SALTO PLATFORMS:



	S ¹	KS ²	H ³
SVN data-on-card	•	—	•
Justin Mobile	•	•	•
BLUEnet Wireless	• ⁴	•	•
Apple Wallet	—	—	•

¹Salto Space. On-premise access control platform

²Salto KS. Cloud-based access control platform

³Salto Homelok. Cloud-based access control platform

⁴RFnet Wireless versions are not compatible

COVER STICKER FINISH:

Black - RAL 7021	•
White - RAL 9003	•

TECHNICAL DATA:

Reader dimensions :	96 x 141 x 30,5 mm 3-3/4" x 5-9/16" x 1-3/16"
Weight:	25 g - 1 Oz
Cover material:	PC/ASA
IP class:	IP66
ADA support:	Braille, Embossed keys
Certifications:	CE, UKCA, FCC, IC, ACMA, EAC, MIC, IMDA, NCC, KCC, TDRA, SUBTEL, CRA, NOM, IFT, WPC, UL294

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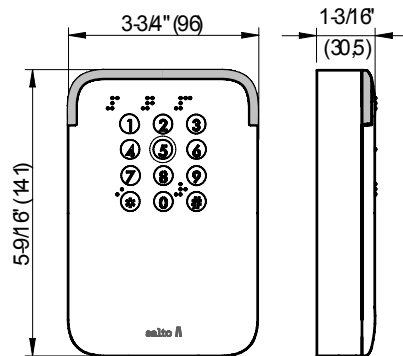
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TECHNICAL DRAWING:

Universal model available for MIFARE ID Technology:



CREDENTIAL TECHNOLOGIES:

JustIN Mobile Credentials¹:	•
NXP MIFARE²:	•
HID³:	•
LEGIC⁴:	•

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³ iCLASS®, Seos®. The new keypad design is not yet available.

⁴ LEGIC Prime, LEGIC Advant. The new keypad design is not yet available.

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SVN data-on-card	•	—	•
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Salto Systems.

Get in touch with our team.

Give us a brief summary of your needs, your next project and we'll get back to you.

Spain, UK, France, Germany, Switzerland, The Netherlands, Belgium, Poland, Slovakia, Slovenia, Czech Republic, Denmark, Norway, Sweden, Finland, Italy, Portugal, US (NYC - Atlanta - LV), Canada, Mexico, Costa Rica, Colombia, Puerto Rico, Chile, UAE, India, South Africa, Singapore, China, Hong Kong, Korea, Vietnam, Australia, New Zealand.

