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totallyintegrated**IP**security

The **WebENTRA R300** series is a family of secure encryption NFC readers that can handle demanding contactless smartcard applications. With built-in cryptographic hardware, this family of readers can support AES128 and 3DES encryption algorithms. Encryption keys may be stored in Secure Access Modules or in the reader.

The R385 model comes with touch, color TFT LCD. PIN entry can made using a scrambled keypad for enhanced security.

This R300 family is highly versatile and comes built with options for connectivity;
- RS485 with multiple protocols including OSDP, and
- Wiegand for more traditional installations.

WebENTRA
READER Series

R381 / R301

R303

R385

Key Features

- Touch color LCD
- Scrambled keypad for PIN entry

- Function keys to control inputs and outputs

- AES128, 3DES and CMAC cryptography

- Option for secure encryption with and without SAM

- Support up to 2 SAM

- OSDP v2 for highly secure transmission

- Configurable scrolling message from IBSS.web

- Time clock mode for integration with 3rd party attendance system

- Configurable time-based greeting

- PIN change at reader

- Built-in tamper alarm

- Card holder name display

Technical Specifications

Specifications*	R385SE-SAM/ R385SE-SID	R381SE-SAM/ R381SE-SID	R385SE	R303SE	R301SE
Description	SE Reader with Touch Screen Color LCD and SAM	SE Reader only with SAM	SE Reader with Touch Screen Color LCD	SE Reader with Touch Sensing Keypad	SE Reader Only
Contactless Technology	NFC, ISO 14443 Type A/B and FeliCa				
LCD	TFT Color LCD, 240x320 with Touch Capacitive	-	TFT Color LCD, 240x320 with Touch Capacitive	-	-
Keypad	Capacitive Touchscreen	-	Capacitive Touchscreen	Touch Capacitive Keypad	-
Scrambled PIN	Yes	-	Yes	-	-
Encryption Key in SAM	Up to 2 x SAM in 2FF/Mini SIM	Up to 2 x SAM in 2FF/Mini SIM	No	No	No
Encryption Key in Reader	Yes (R385SE-SAM only)	Yes (R381SE-SAM only)	Yes	Yes	Yes
RS485	OSDP(19200bps, R385SE-SAM only) & ADNET	OSDP(19200bps, R381SE-SAM only) & ADNET	OSDP(19200bps) & ADNET	ADNET	ADNET
Wiegand	Yes (R385SE-SAM only)	Yes (R381SE-SAM only)	Yes	Yes	Yes
Tamper Switch	Yes	Yes	Yes	No	No
Audio Feedback	Buzzer				
Visual Indicator	3 Color LED				
Protection	IP65				
DC Power Supply	12VDC, 0.3A	12VDC, 0.25A	12VDC, 0.3A	12VDC, 0.2A	12VDC, 0.2A
Operating Temperature	0 – 50 ℃				
Humidity	90%				
Dimensions	135 x 76 x 22 mm				
Weight	0.5kg		0.3kg		
Certifications	CE & FCC				

* Specifications are subject to change without prior notice

Ordering Information

Model No.	Description
R385SE-SAM	WebENTRA SE Reader with Touch Screen Color LCD and SAM for SkeyMa
R385SE-SID	WebENTRA SE Reader with Touch Screen Color LCD and SAM for SSID/PS21
R381SE-SAM	WebENTRA SE Reader Only with SAM for SkeyMa
R381SE-SID	WebENTRA SE Reader Only with SAM for SSID/PS21
R385SE	WebENTRA SE Reader with Touch Screen Color LCD
R303SE	WebENTRA SE Reader with Touch Sensing Keypad
R301SE	WebENTRA SE Reader Only