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 R385ST model comes with touch, color TFT LCD. PIN entry can made using a scrambled keypad for enhanced security.

WebENTRA
READER Series

R381STSE-SAM
R381STSE-SID
R301STSE

R303STSE

R385STSE-SAM
R385STSE-SID
R385STSE

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

WebENTRA Secure Encryption (SE) Reader

Technical Specifications

Specifications*	R385STSE-SAM/ R385STSE-SID	R381STSE-SAM/ R381STSE-SID	R385STSE	R303STSE	R301STSE
Description	SE Reader with Touch Screen Color LCD and SAM for SkeyMa/SE Reader with Touch Screen Color LCD and SAM for SSID/PS21	SE Reader only with SAM for SkeyMa/SE Reader only with SAM for SSID/PS21	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 MIFARE Desfire				
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		
Encryption Key in Reader	Yes (R385SE-SAM only)	Yes (R381SE-SAM only)	Yes		
RS485	OSDP(19200bps, R385SE-SAM only) & ADNET	OSDP(19200bps, R381SE-SAM only) & ADNET	OSDP(19200bps) & ADNET	ADNET	
Wiegand	Yes (R385SE-SAM only)	Yes (R381SE-SAM only)	Yes		
Tamper Switch	Yes			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	
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
R385STSE-SAM	WebENTRA SE Reader with Touch Screen Color LCD and SAM for SkeyMa
R385STSE-SID	WebENTRA SE Reader with Touch Screen Color LCD and SAM for SSID/PS21
R381STSE-SAM	WebENTRA SE Reader Only with SAM for SkeyMa
R381STSE-SID	WebENTRA SE Reader Only with SAM for SSID/PS21
R385STSE	WebENTRA SE Reader with Touch Screen Color LCD
R303STSE	WebENTRA SE Reader with Touch Sensing Keypad
R301STSE	WebENTRA SE Reader Only