Touch keypad, Bluetooth & RFID

Module for 2N® IP Verso and 2N® LTE Verso

Complete your project and give residents maximum flexibility and more security. This module combines three access technologies in a single device – meaning you can supplement cutting-edge mobile access powered by WaveKey with a backup PIN code (or combine them for two-factor authentication should the project require it). Traditionalists can still use RFID cards or key fobs, and this reader also reads secure access credentials using 2N® PICard technology.

- Total flexibility for customers
- Multi-factor authentication
- Compatible with 2N® PICard technology

Variants

Touch keypad, Bluetooth & RFID
91550947

Touch keypad, Bluetooth & RFID, Secured
91550947-S

Technical Parameters

Bluetooth Reader

Version	compatible with Bluetooth 5.0 (BLE)
Range	(short - typically up to 3m*, long - typically up to 10m*)
	*distances should serve only as an approximate guide and may vary depending on the phone model and installation environment
Security	RSA-1024 and AES-128 encryption
RX sensitivity	up to -93 dBm
Mode	touch, tap in app, card

Mobile Application Support

Android 6.0 and higher, iOS 12.0 and higher

Touch Keypad

Technology	capacitive touch layer (sensitivity 0,1 pF)
Reliability	regular automatic calibration (SmartSence Auto-tunning)
	does not detect false touches on wet surface
Signalling	configurable backlight intensity
	indication using multicoloured LEDs
	acoustic response for every keypad touch

RFID Card Reader

Supported frequencies	125 kHz variant
	13.56 MHz variant
	125 kHz and 13.56 MHz variant
Supported card types	card type compatibility depends on Order No.
125 kHz	EM4xxx
	HID Prox – versions with 125 kHz support and S in Order No. Only
13.56 MHz	ISO14443A, PicoPass (HID iClass), FeliCa, ST SR(IX), NFC (2N® Mobile Key)
	reads UID (CSN) and secured MIFARE® DESFire® EV2/EV3 cards using 2N® PICard technology
Secured 13.56 MHz	ISO14443A (MIFARE® DESFire®), PicoPass (HID iClass), FeliCa, ST SR(IX), NFC (2N® Mobile Key), HID SE (Seos, iClass, MIFARE SE)
	reads secured MIFARE® DESFire® EV2/EV3 cards using 2N® PICard technology
	reads PACs ID (HID iClass cards with SIO object)