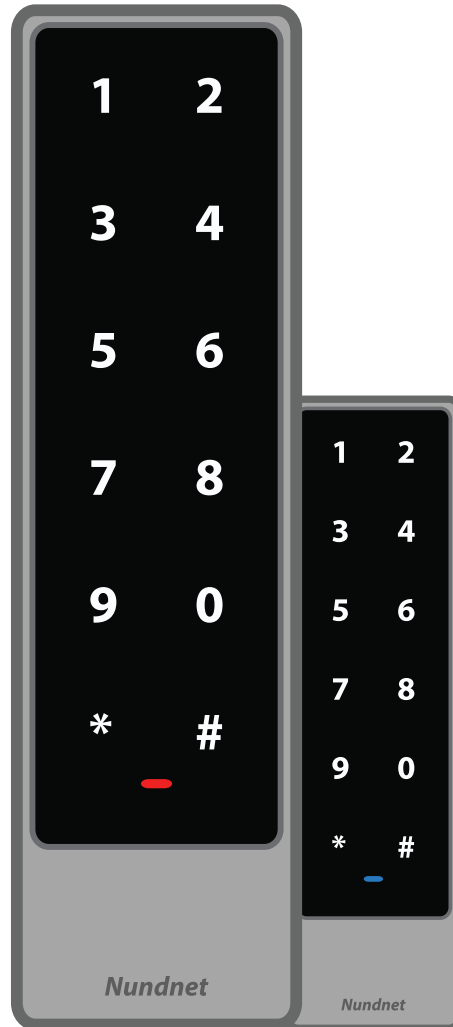


MULTI TECHNOLOGY READER
NETWORKED & STANDALONE

NU7194MKSB

Nundnet Multi Technology Readers



Multi technology card reader, NU7194MKSB is compatible with any card technology from 125 KHz to 13.56MHz or of any industry standard from Nundprox (125KHz, 13.56MHz, 125KHz + 13.56MHz) to Mifare 13.56MHz & different variants.

The reader is designed to work in any environmental conditions hence equipped with an effective rating IP68 for indoor & outdoor application. IP68 rating is fit enough to withstand dust, dirt and sand, and are resistant to submersion up to a maximum depth of 1.5m underwater for up to 30 minutes.

The defacto protocol wiegand 26 ~37 is utilised for communication in network mode.

Device appearance is concise, hermetically sealed considering the ambience & the environmental conditions, making it suitable for variety of applications.



Wireless Frequency
Compatible with 125KHz & 13.56MHz frequency cards & related tags



Weather Proof Housing
IP68 rated, dust protection till certain extent & water falling as a spray at any angle up to 60°



Reading mode
13.56MHz, 125KHz cards and Keypad, detection typically <300 m sec & reading range 2~7cm



Communication
Communication using wiegand protocol, wiegand width 26-37bits



Housing
Designed to be wall mount reader made of zinc alloy with reinforced glass



LED Indicators
Tri colored LED Indicator to notify power, card detection, card rejection.



Protocols
ISO proximity cards, ISO 15693, ISO 14443A, ISO 14443B

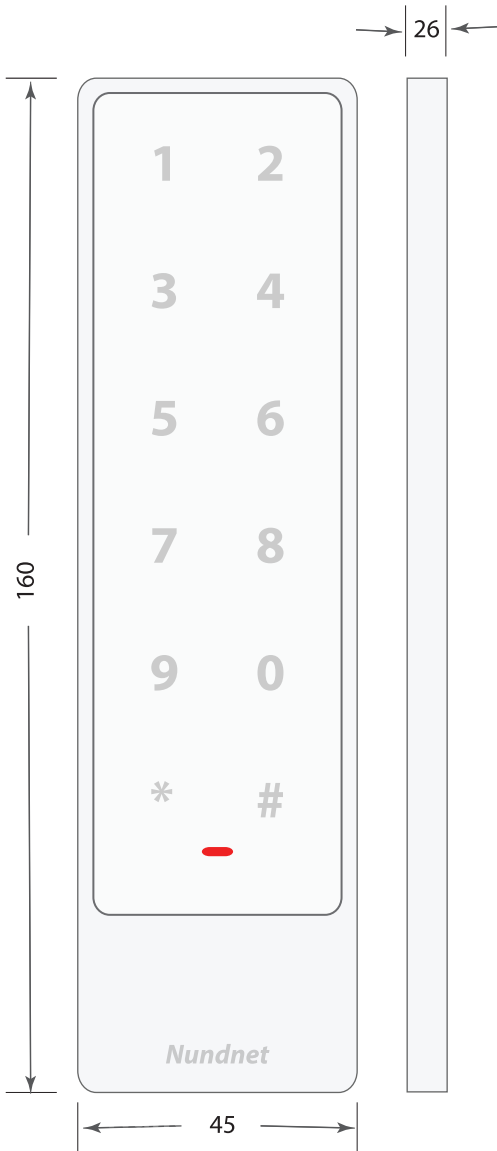


Interoperability
Enables the operation between standalone and network mode

SPECIFICATIONS

FREQUENCY		SYSTEM INTERFACE	
	125KHz and 13.56MHz	Protocol Communication	Wiegand Wiegand 26-37 Other bits can be assigned as on basis
CARDS SUPPORTED		Cabling distance	500 ft. (152m)
Type	125KHz., Nundprox K series, ISO proximity 13.56MHz., Nundprox M series, ISO/IEC14443	Cable specifications	22AWG 12 Conductor Shielded
KEYPAD		POWER	
	2 x 6 matrix, capacitive touchpad Reinforced glass bonded around a tough plastic interlayer made of polyvinyl butyral.	Voltage	9- 24 VDC
		Current	Standby <25mA
		Indicators	Three color blinks (Red/ Green/ Blue)
		Backlit	Normal ON, normal OFF, automatic mode
STANDARD		ENVIRONMENT	
Protocol Range	ISO 15693, ISO 14443A, ISO 14443B Mifare 20~60mm/ 2-6cm EM 20~70mm/2-7cm HID 20~70mm/2-7cm Nundprox 20~70mm/ 2-7cm	Temperature	-35°C~ +60°C
Detection time	Depends on technology, typically<300 m sec	Humidity	5~95% relative humidity
OPERATION MODE		GENERAL	
Standalone	Anti-pass back, wiegand in, external reader	Ingress rating	IP68, water & dust resistant
Networked	Wiegand output, LED & Buzzer control input	Material	Anti vandal metal casing
		Color	Grey, Black customised
		Dimensions(mm)	160 x 45 x 26
		Weight (grams)	Net: 260 Gross: 295
CERTIFICATIONS		CE Mark EN 301 489-3 EN55022 EN50130-4 (EU), C-Tick AS/ NZs CISPR 22 (Australia & New Zealand), Korea (KCC), RoHS, Administrative Measure on the Control of Pollution Caused by Electronic Information Products, WEEE	

DIMENSIONS



all dimensions in mm

ORDERING

NU 7194MKSB

Multi technology reader with keyboard, 125KHz & 13.56MHz frequency support, metal housing, IP68 rated, wiegand 26 ~37, keypad 2 x 6(4/8 bits), users 2000, voltage , DC12~24V/ 50mA

○		
—	5	125KHz
—	6	13.56MHz
—	H	HID
—	N	Nundprox series

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