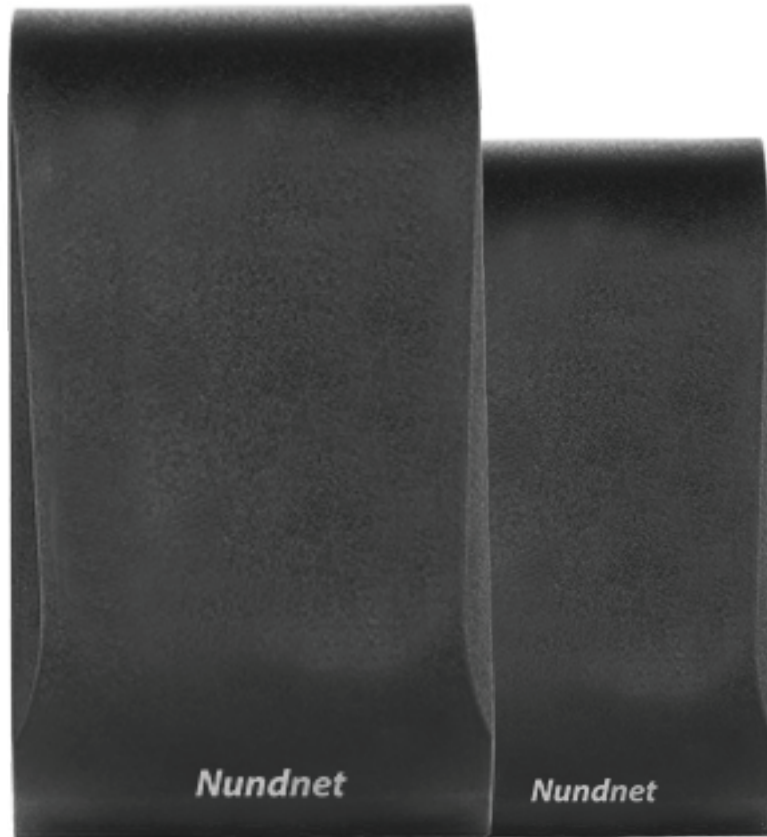


MULTI TECHNOLOGY READER

NU7191B

Nundnet Multi Technology Readers



Multi technology card reader, NU7191MB 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 ratings viz.a.viz. Impact resistance IK10 to ingress protection IP66/67 for indoor & outdoor application followed availability of defacto protocols like Wiegand for communication.

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**  
IP 66 rated, dust protection till certain extent & Water falling as a spray at any angle up to 60°



**Reading range & detection**  
Depends on technology, detection typically <300 m sec & reading range 2~7cm



**Communication**  
Communication using wiegand protocol, wiegand width 26 ~44, 56, 58 bits



**Housing**  
Designed to be wall mount reader made of SUS 316 grade steel or aluminum



**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 various devices from different manufacturers

## SPECIFICATIONS

### FREQUENCY

125KHz and 13.56MHz

### CARDS SUPPORTED

Type Proximity cards, vicinity cards/ tags, low frequency cards, high frequency cards  
125KHz. Nundprox K series, ISO proximity cards  
13.56MHz. Nundprox M series, ISO/IEC14443 Type A, Type B, NXP Mifare, Mifare Plus, DesFire, Mifare Pro, Mifare UltraLight, Mifare Class 4K cards

### STANDARD

Protocol ISO 15693, ISO 14443A, ISO 14443B  
Range Mifare 20~60mm/ 2-6cm  
EM 20~70mm/2-7cm  
HID 20~70mm/2-7cm  
Nundprox 20~70mm/ 2-7cm  
Time Depends on technology, typically <300 m sec

### ADDITIONAL CONTROLS

LED External  
Buzzer External

### 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

### SYSTEM INTERFACE

Protocol Wiegand  
Communication Wiegand 26 ~44, 56, 58 bits  
Other bits can be assigned as on basis  
Cabling distance 500 ft. (152m)  
Cable specifications 22AWG 12 Conductor Shielded

### POWER

Voltage 9- 24 VDC  
Current Standby <25mA  
Indicators Three color blinks (Red/ Green/ Blue)

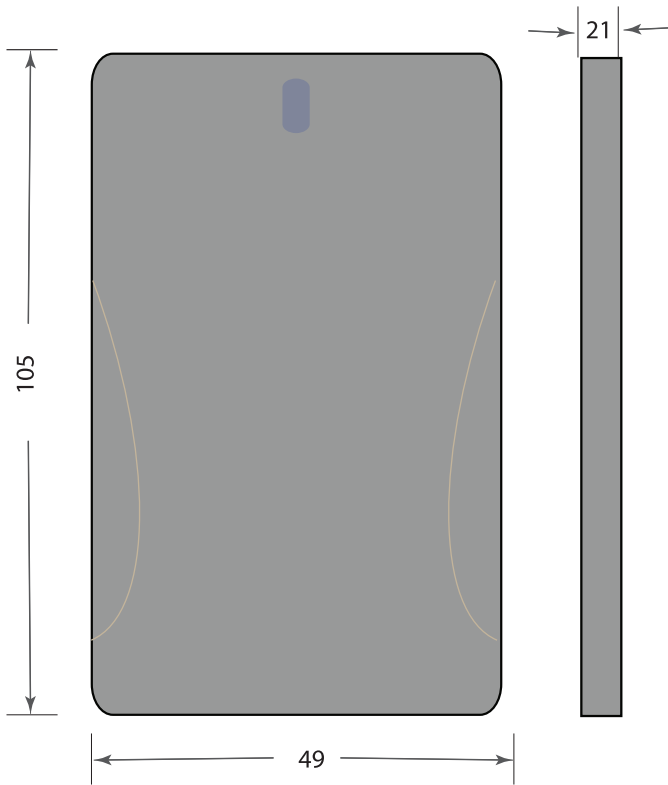
### ENVIRONMENT

Temperature -35°C~ +60°C  
Humidity 5~95% relative humidity

### GENERAL

Ingress rating IP66, water & dust resistant  
Impact rating IK10, Protected against 20 joules  
Material Anti vandal metal casing  
Color Grey, Black customised  
Dimensions(mm) 105 x 49 x 21  
Weight (grams) Net: 250 Gross: 290

DIMENSIONS



all dimensions in mm

ORDERING

NU 7191 MB

Multi technology reader, 125KHz & 13.56MHz frequency support, metal housing, IP66 rated, Wiegand 26 ~44, 56, 58 bits , voltage - 24 VDC.

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	125KHz	13.56MHz	HID	Nundprox	

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