

OSDP READER



NU OSDP 20MCK

Nundnet OSDP Access Control

NU OSDP 20MCK, OSDP reader is stylish design with touch keyboard suitable for Indoor & outdoor application. The data transmission is encrypted & secure from hacking and other detrimental issues. The unit is compatible with the MIFARE® DESFire® EV1, MIFARE® DESFire® EV2 13.56MHz and OSDP V1 & V2 standard compliant. The tri color LED is incorporated for identifying the status of the unit followed by the buzzers.

OSDP uses RS-485 as the underlying communication protocol & is a serial communication protocol designed to provide higher level of communication for longer distance.

Device appearance is concise, hermetically sealed considering the ambience & the environmental conditions, making it suitable for variety of applications. The device is IP65 rated.



Wireless Frequency

Available as compatible with Mifare 13.56MHz, MIFARE® DESFire® EV1, MIFARE® DESFire® EV2



Weather Proof Housing

IP 65 rated, dust protection till certain extent & Water falling as a spray at any angle up to 60°



Bluetooth & NFC

Hybrid module using combination of mifare & BLE, mifare & NFC or mifare, BLE & NFC



Long distance communication

Communication distance exceeds unto 1000meters under ideal conditions



Housing

Designed to be wall mount reader made of ABS Acrylonitrile butadiene styrene



LED Indicators

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



Encryption

Uses high end AES 128 encryption & constantly monitors wiring to protect against attack threats



Interoperability

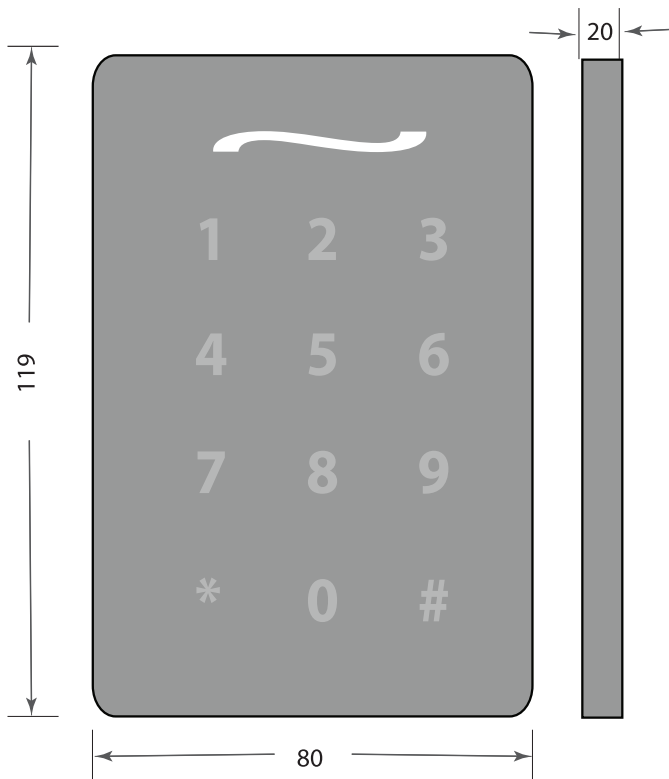
Enables the operation between various devices from different manufacturers

SPECIFICATIONS

READER	
Reader Standard	Proximity type
Technology	OSDP/ Wiegand
OSDP version	V1/ V2
Input	MIFARE® DESFire® EV1, MIFARE® DESFire® EV2; 13.56MHz
Wiegand	26, 32
Bluetooth	Available <i>(option)</i>
NFC	Available <i>(option)</i>
Watchdog	Built-in
Indicator	Three color blinks
Buzzer	Built-in
Input type	PIN code (touch), Mifare 13.56MHz.
NETWORK	
Wiring	OSDP cable or equivalent
Communication range	OSDP : 1000M
CERTIFICATIONS	
FCC Class A (US), ICES-003 Class A (Canada); 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	

ELECTRICAL	
Voltage	12 V DC
Consumption	< 110 mA
GENERAL	
Colour	Black
IP rating	IP 65
Dimensions (LxHxW)	119 x 80 x 20mm
Weight	~0.160 kg (160 grams)/ 0.352 pounds
MECHANICAL	
Mounting type	Wall mount reader
Housing	ABS "Acrylonitrile butadiene styrene"
ENVIRONMENTAL	
Operating Temperature	-20°C to 60°C
Operating Humidity	5% to 93% RH without condensation

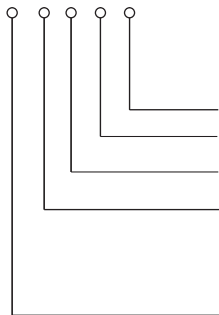
DIMENSIONS



ORDERING

NU OSDP 20M H N B P

OSDP card reader OSDP Version V1/V2 , Built-in buzzer, tri color LED indicators for status display



Ingress protection rating IP65
 Bluetooth Low Energy BLE
 Near Field Communication NFC
 Data entry type module

C Reader
 K Touch keyboard

13.56MHz MIFARE® DESFire® EV1, MIFARE® DESFire® EV2 frequency reader