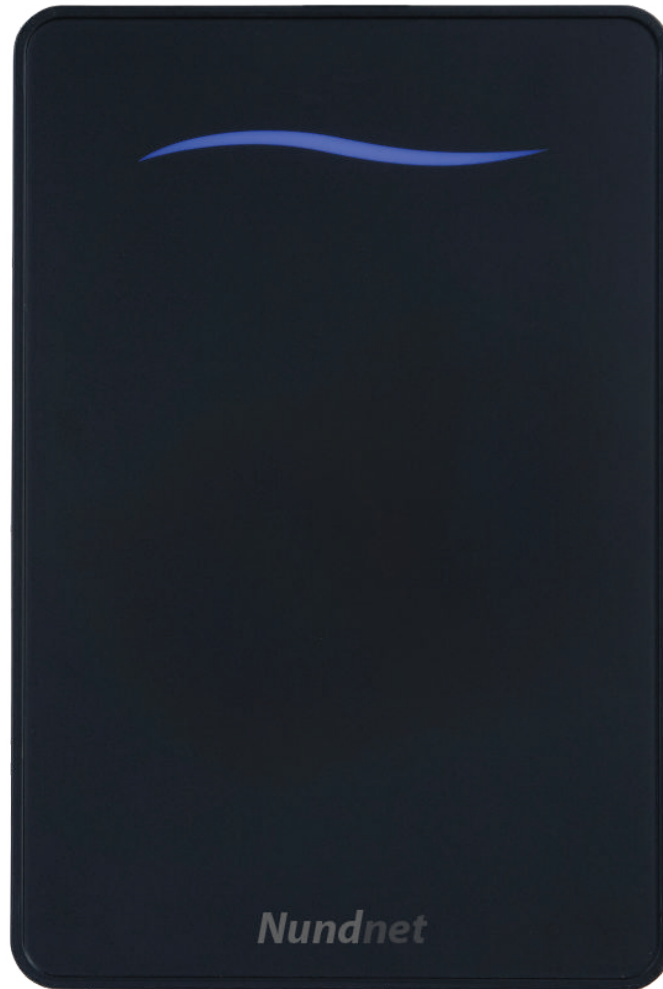


OSDP READER



NU OSDP 20MC

Nundnet OSDP Access Control

NU OSDP20MC, OSDP reader is stylish design 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	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

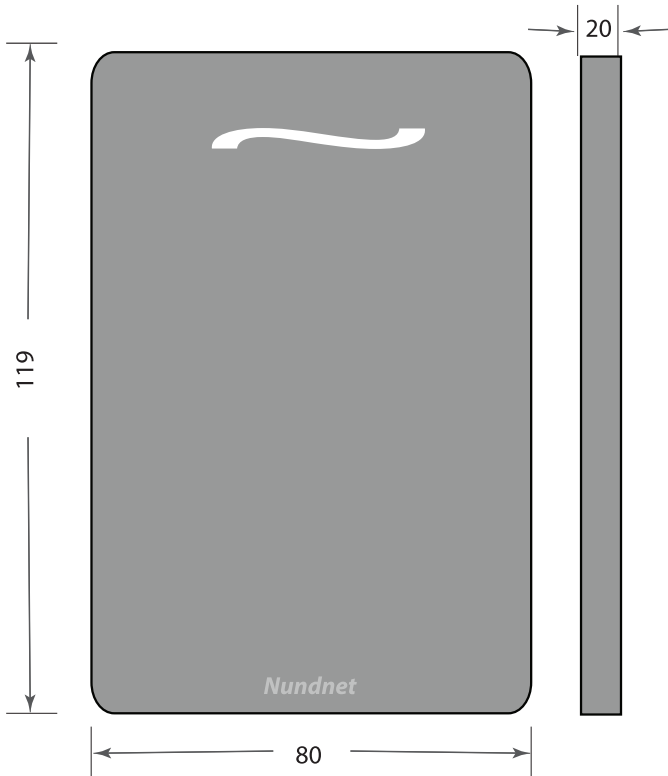
ELECTRICAL	
Voltage	12 V DC
Consumption	< 110 mA

GENERAL	
Colour	Black
IP rating	IP 65
Dimensions (LxHxW)	119 x 80 x 20 mm
Weight	~0.156 kg (156 grams)/ 0.343 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

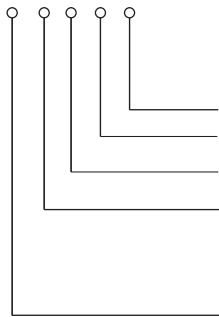
## DIMENSIONS



## 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



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

**Nundnet**  
entry & exit engineering

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