

OSDP ACCESS CONTROL

NU OSDP 24D

Nundnet OSDP Access Control



Long distance communication
Communication distance exceeds upto 1000meters under the ideal conditions



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

NU OSDP 24D is 2 door OSDP TCP/IP controller, is available as PCB or packed in the metal housing, appearance is concise, hermetically sealed considering the ambience & the environmental conditions, making it suitable for variety of applications. The electronic board with the 32-bit processor and standard memory of 128bits. The design is professional & universal as per industry standards and supports four OSDP or Wiegand readers.

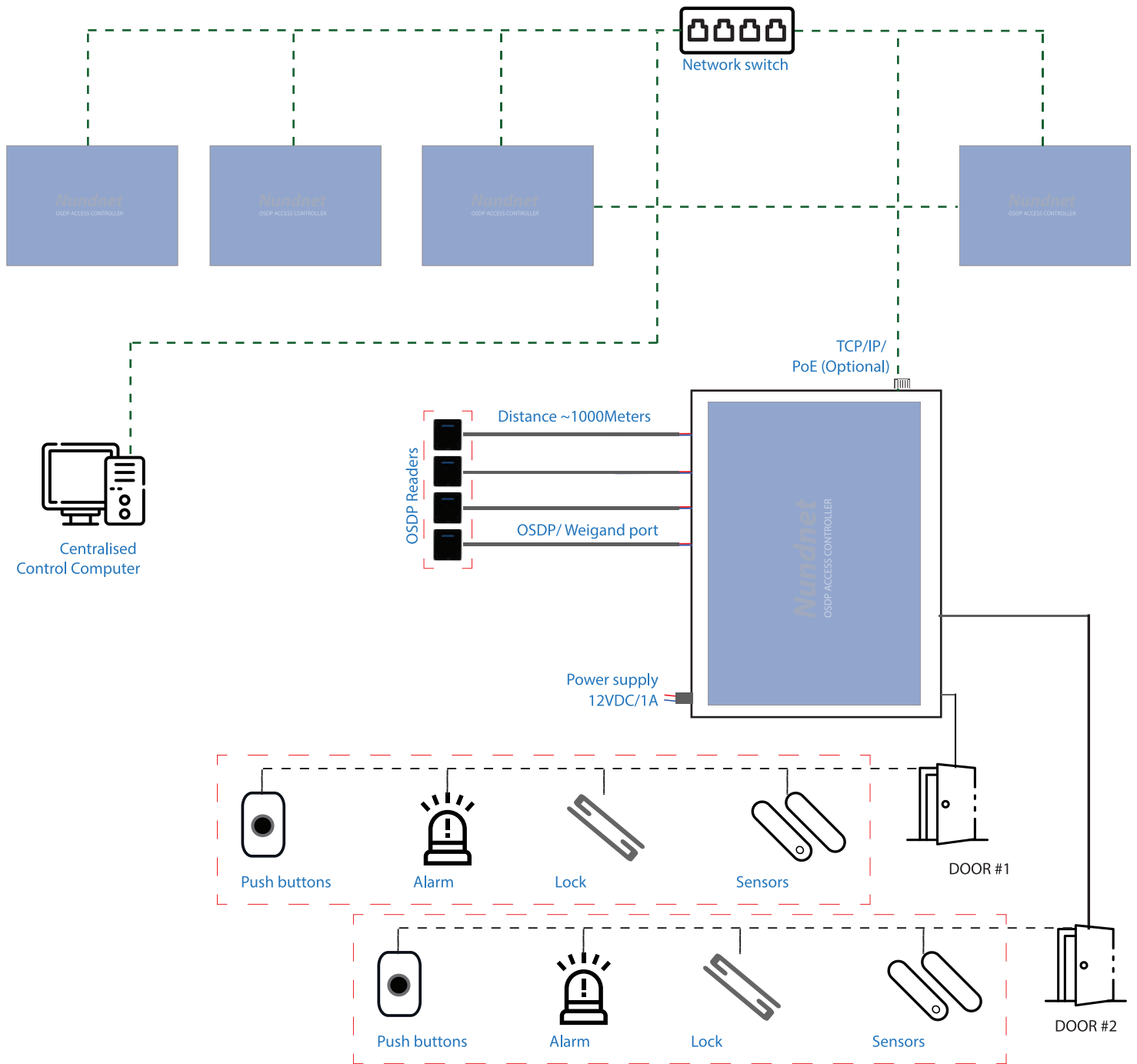
OSDP uses RS-485 as the underlying communication protocol & is a serial communication protocol designed to provide higher level of communication for longer distance. The data transmission is encrypted & secure from hacking and other detrimental issues.

The unit is compatible with the EM & Mifare card readers and is OSDP V1 & V2 standard compliant. The LED's are incorporated on the main board for identifying the status of operation.

TECHNICAL SPECIFICATIONS

Processor Memory Memory Capacity	32bit 128 Users 15,000 Data record 40,000 batches Hardware events 1000
Communications	TCP/IP, 10/100 Mbps
Readers	T2 4 Wiegand 4 OSDP 4
Cable Requirement	Nundnet OSDP cable NU 302KS or equivalent
Doors/ I/O / Other	Door sensors 2, Case sensors 4, Exit button 2 Relays 4, Lock 2, Alarm 2
Audio/Visual Controls Relays Power	LED indicators on board 4 Voltage (input) 12VDC \pm 15% Consumption Standby mode 150 mA Operation mode 500 mA PoE(optional) IEEE 802.3at compliant : 25.5W; Other : 30W
Zones	Time zones 128 Schedules 128 Holiday schedule 100 sets per year Door lock schedules 8 Operation Proximity, Proximity + Pass-code, Time Zone, Special Holidays, Anti Pass-back
Universal functions	Alarm Supports multi alarm functions like door status, broken reader etc. Disarm Programmable disarm code Duress Code or card setting, Black list Lost cards or unwanted cards Antipass back Incorporated Interlock Two door interlock function, when one is unlocked other is locked
Dimensions	Electronic board (Lx Wx H)mm 150 x 210 x 29 Metal shell (LxWxH) 275 x 250 x 80
Operating environment Humidity	Operation 0°C ~ 60°C, Storage -15°C ~70°C 90% Relative humidity
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

CONNECTION SCHEMATIC



ORDERING

NU OSDP 24DS	2 door OSDP access controller, +12VDC Power input, 4 OSDP/ Weigand input
NU OSDP 24DP	2 door OSDP access controller, PoE interface, +12VDC power input 4 OSDP/ Weigand input
NU OSDP 24DSM	2 door OSDP access controller, +12VDC Power input, 4 OSDP/ Weigand input, metal shell box
NU OSDP 24DPM	2 door OSDP access controller, PoE interface, +12VDC power input 4 OSDP/ Weigand input, metal shell box

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