

## smartXS NG *plus*

Model No: *SMNG220-POE*

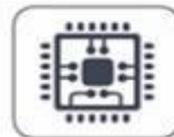
Premium 2 Door 2 Reader POE Based Access Controller



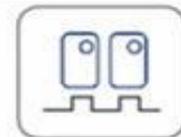
POE



Compact design



32 BIT, RISC  
ARM processor



Wiegand In

### Features & Benefits

- Compact Design which suitable to install above door
- leverages the existing IT network system and also eliminates the need for a local source of power.
- With the distributed architecture cabling cost will be drastically reduced (by placing controller above the door)
- Multiple communication protocol provides Flexibility to integrate with multiple types third party environments, BMS, IT administration.
- Compatible with Wiegand readers provides flexibility to use wide range of access Credential
- Integrated with all kind of access control features to provide high level security
- Hassle Free Installation
- Easy Scalability
- CCTV/IP Camera Integration with Access Events \*\*

# TECHNICAL SPECIFICATONS

<b>Particulars</b>	<b>smartXS NG Plus</b>
<b>Model Number</b>	<b>SMNG220-POE</b>
<b>Application</b>	Access Control Systems
<b>CPU</b>	32 Bit Microcontroller
<b>Memory</b>	4 MB Flash
<b>No. of Doors</b>	2
<b>No. of Readers</b>	2 (For card reader inbuilt power supply from SMNG220-POE; For biometric reader extra power supply 12 V DC/1A Adaptor will be required)
<b>Events/Transactions</b>	1,00,000
<b>No. Users</b>	35,000
<b>Door Interlocking</b>	Yes
<b>MODBUS Protocol Support</b>	Yes (TCP-IP / RS485)*
<b>Reader Interface</b>	Wiegand (up to 48 bit)
<b>Input</b>	6 inputs (2- Door Status, 2- Egress, 1- Fire & 1- intrusion)
<b>Output</b>	4 outputs (2 - DOTL, 2 – Lock*) (Note*: Both POE & Non POE locks can be supported subject to power supply specifications)
<b>Communications Port</b>	TCP/IP, RS485
<b>Power Supply</b>	POE+ 802.3at compliant midspan 30w per port OR 12 V DC/5A Adaptor
<b>Protocol</b>	TCP, UDP, TCP Push, UDP Push, SNMP*, Modbus*
<b>Fire Integration</b>	Yes
<b>Intrusion Integration</b>	Yes
<b>LCD</b>	16X2 LCD Mono Color Display
<b>Keypad</b>	4X3 Key with soft keypad
<b>Baud Rate</b>	9600bps (Default)
<b>Controller ID</b>	Up to 10000
<b>Language</b>	English
<b>Enclosure</b>	Metal Enclosure
<b>Mounting</b>	Wall Mounting
<b>Dimension (LxHxW) in mm</b>	187 x 190 x 49
<b>Time Zone/Access Levels</b>	63 + 1 (Free Time Zone)/Unlimited
<b>Certification</b>	CE, ROHS

\* Indicate for optional features

Model No	Description
SMNG220-POE	Premium 2 Door 2 Reader POE Based Access Controller

## Software Compatibility

**BSS** - Building Solution Suite web based multi-module software with Mobile App.

**SCMD-AC-100U (PACK)** - smartCOMMANDCONTROL web Based Access Control Management software.

**SCMD-DUO-100U (PACK)** - smartCOMMANDCONTROL web Based Access + Attendance + Employee self service Module software.

**SALM - smartALARM** - Alarm Management Software for smartCOMMANDCONTROL.

**SVM20** - Visitor Management Software with SQL database. This will include a license for Admin, Host (web-based) and Security modules.

**smartTRACK-10U** - Mobile attendance Application compatible with android smart phone.

## Accessories

### Cards

#### SC-M1

Mifare - Smart Card  
(Memory:1K)



#### SC-M4

Mifare - Smart Card  
(Memory:4K)



#### PC

EM Proximity Cards



### Readers

#### SPR501

**smartRID** - Wiegand Protocol Card Readers –proximity reader



#### SC504

**smartRID** - Wiegand Protocol Card Readers – smart card reader



### Locks & Switches

#### EL-600

600lbs- electromagnetic locks



#### SIS-ES-NT

No Touch Egress Switch



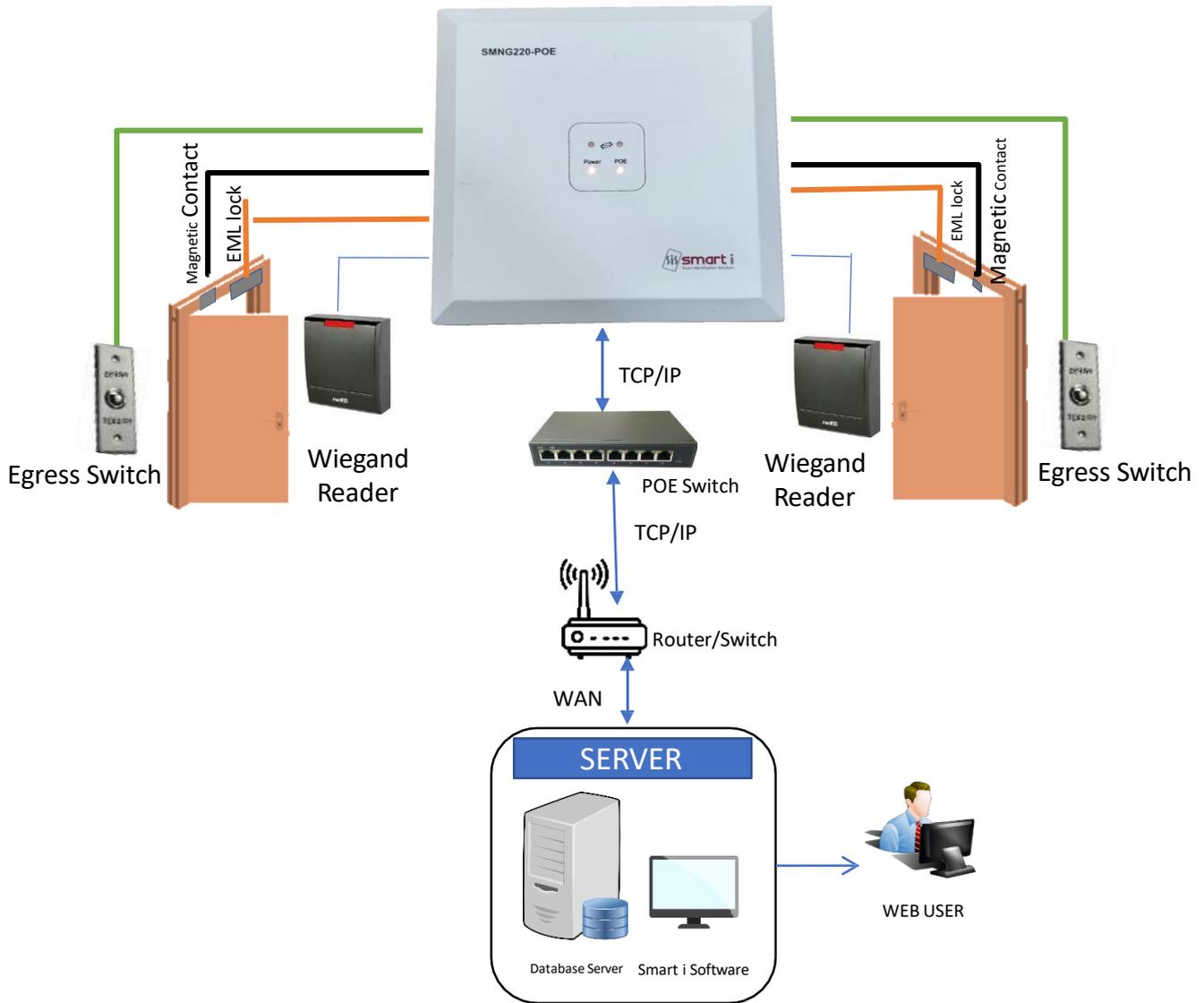
#### SIS-ES-PUSH

Door Release Button



# Topology

## SMNG220-POE as 2 Door Access Controller



Note: Product images are for illustrative purposes only and may differ from the actual product. Some products may have an associated image or photo. These are for reference only and should be considered illustrative. Technical Specifications subject to change without any notice.

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