

smartXS NG plus

Model No: SMNG220-POE

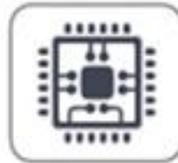
Premium 2 Door 2 Reader POE Based Access Controller



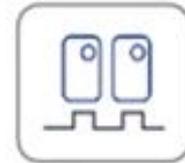
POE



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

More Features & Benefits

- Anti Pass Back
- Time Zone, Access level
- Duress Card / Finger
- Dual Card / Finger
- Special cards
- Escort card to release Anti Pass Back
- Intrusion Card
- Emergency Card
- Online firmware upgradation
- Reader tamper detection
- Inbuilt keypad & display for easy installation installation & maintenance
- Software & Hardware designed in-house makes it more suitable for Indian requirements.

TECHNICAL SPECIFICATONS

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

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

Software Compatibility:

BSS – Building Solution Suite Software

SSTA30-TA-100U (PACK) – smartATTENDANCE desktop based time attendance software

SSA30-AS-100U (PACK) – smartACCESS desktop based software

SCMD-TA-100U-smartCOMMANDCONTROL web Based Time Attendance software with Employee Self Service Module

SCMD-AC-100U - smartCOMMANDCONTROL web Based Access Control Management software with Employee Self Service Module

SCMD-DUO-100U (PACK) – smartCOMMANCONTROL pack web based access + attendance + employee self service software SALM –

smartALARM - Alarm Management Software for smartCOMMANDCONTROL / smartACCESS

SVM20-AS - 'smartVISITOR' Visitor Management Software (Server License) (Advance Edition) with SQL Express database .This will include a common license for Host, Security and Admin .SQL Licence in Customer Scope.

SVM20-ES - smartVISITOR' Visitor Management Software (Enterprise Edition) , Web Based Server License (Including Web based Admin & Host module and desktop based security module)-MS SQL Database.

smartTRACK- 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



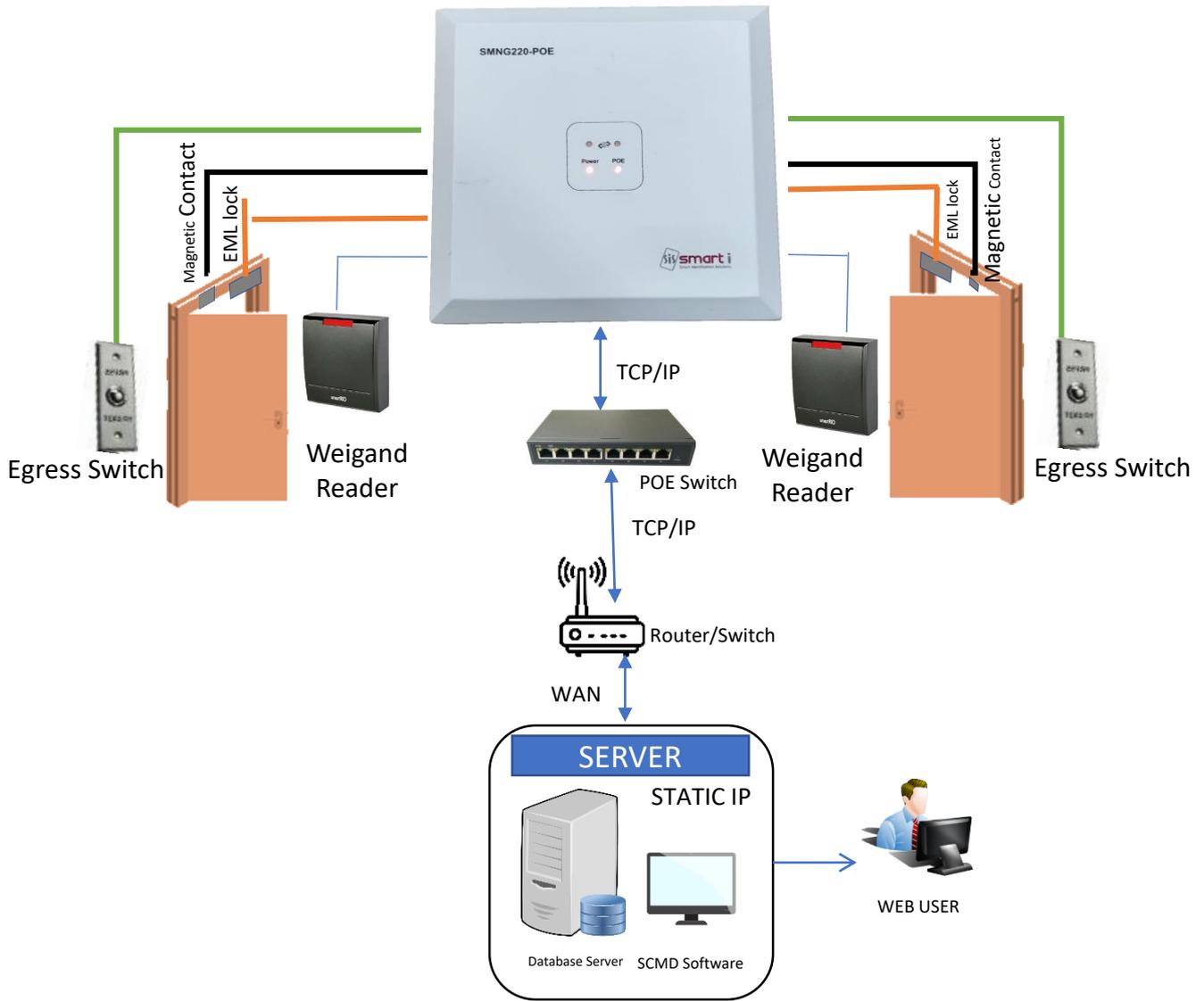
SIS-ES-PUSH

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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