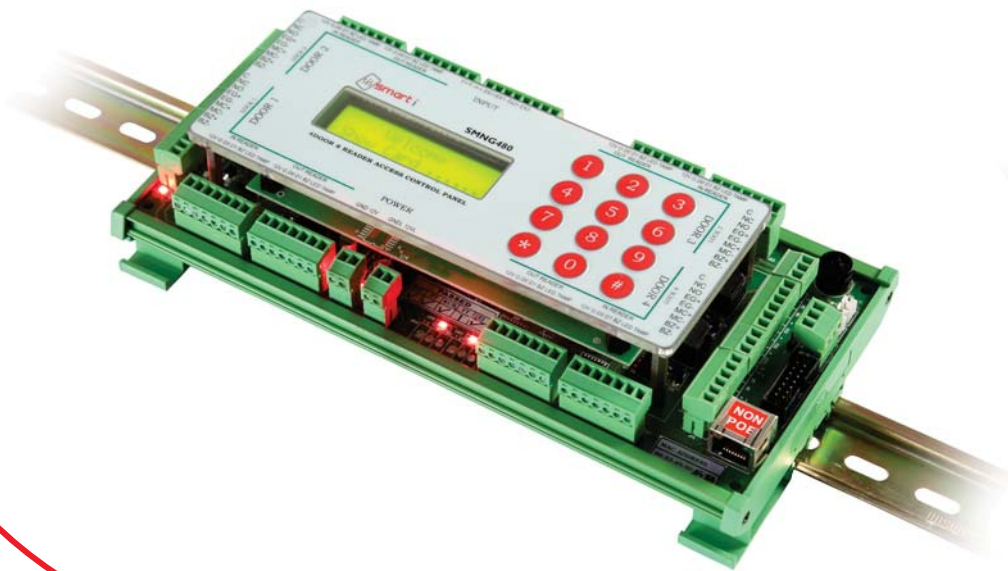# smartXS NG

The faster and more efficient 4 Door 8 Reader Controller
With a **32 bit processor** and **DIN Rail mounting**

The faster, more efficient and more cost effective 4 Door 8 Reader Controller

KEY BENEFITS

- **The Processor:–** Its 32 bit processor makes smart XS NG a much faster and more efficient controller in all its functions than any other controller in its category and, along with the following advantages, much more cost effective too.

- **CCTV Integration with Access Events: -** Alarm management Software module for security audit or to verify/identify tailgating, made effective by Alert based network protocol implemented in **smart**XS NG.

- **Door Interlocking:-** **smart**XS NG has inbuilt configurable door interlocking facility so that if one door is open, some or all of the other three will remain closed. The Logic can be defined by the user on site through the controller Keypad.

- **DIN Rail mounting option:-** Available in more compact and attractive with standard DIN Rail mounting, besides the conventional panel enclosure.

Many highly prestigious organizations from many sectors such as Banking, Pharma, IT, Mega Retail, Government etc. have been using various Access Control, Time and Attendance and Security related systems of **smart**-i in many of their establishments all over India, for many years.

Other Benefits

Onboard TCP/IP with Online Firmware up gradation facility:- The versatile Interface makes the device technically very strong & user friendly. It gives tremendous freedom to use the infrastructure, either existing or planned. The Device has an inbuilt capability for an online up gradation of the firmware.

Reader Tamper Detection:- Device generates a temper event alert if any Reader is tampered with. Reader should have the facility of inbuilt tamper output.

Power Supply with provision for battery Backup:- Gives a smooth operation under diverse power infrastructure conditions. Power supply will recharge the Battery (7AH). **(Battery is not included)**

Transactions and User Capacity:- It stores 30,000 Users/cards and 60,000 Transactions/Events.

Added Security for access to the Controller:- Configurable card/finger verification has been provided for extra security, in addition to the usual login id and password, to access the Controller device.

Enhanced Security Features:- Anti pass back, facility/establishment code, Time zone, Duress Card/finger, Dual card/Finger implementation for enhanced security. For Data downloading Security the IP address of the authorized computer/s is mapped with that of the Controller, making the downloading of the data even more secure.

Access Control Solutions

Technical Specifications

Particulars	Specifications
Model no.	**SMNG480**
Applications	Access Control System
Technical Specification	
CPU	ARM 32 Bit RISC Processor
Memory	Upto 8 MB Flash
No. of Doors	4
No. of Readers	8
Events/Transactions	60,000
No. Users	30,000
Reader Interface	Weigand (Up to 34 bit)
Input	12 inputs (4- Door Status, 4- Egress, 1- Fire & 1- intrusion and 2 Extra input)
Output	8 outputs (4 - DOTL, 4 – Lock)
Communications Port	TCP/IP, RS485
Protocol	TCP, UDP, TCP Push, UDP Push
Door Interlocking/Man Trap	Yes
Fire Integration	Yes
Intrusion Integration	Yes
LCD	16X2 LCD Display
Keypad	4X3 Key with soft keypad
Baud Rate	9600bps (Default)
Controller ID	Up to 10,000
Language	English
Power Supply	12 V DC/ 5A
Enclosure	Industry Standard Metal Enclosure
Mounting	Din Rail (Without Metal Enclosure) , Wall mount (with Metal Enclosure)
Temperature	0°C to 50°C
Humidity	20% to 90%
Access Control Features	
Facility Code	Available
Time Zone / Access Levels	63 + 1 (Free Time Zone)/Unlimited
Time Zone Slots	4 slots per Day
Anti-Passback	Hard, Soft, Escort (Reader Wise)
Holiday Settings	42
Ordering Information	
Controller	SMNG480
Controller (Without Metal Enclosure)	SMNG480-DIN
Software	smartACCESS / smartCOMMANDCONTROL
Accessories	Card Reader - SC504/SPR501 Biometrics Reader - SBSNG 150/950 Series Biometrics Reader - SBSNG 1050 Series or Any Standard Weigand Reader

smart-i Designs and Manufactures complete Access Control Solution including Biometric & Card Readers.

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