smartXS NG *plus*

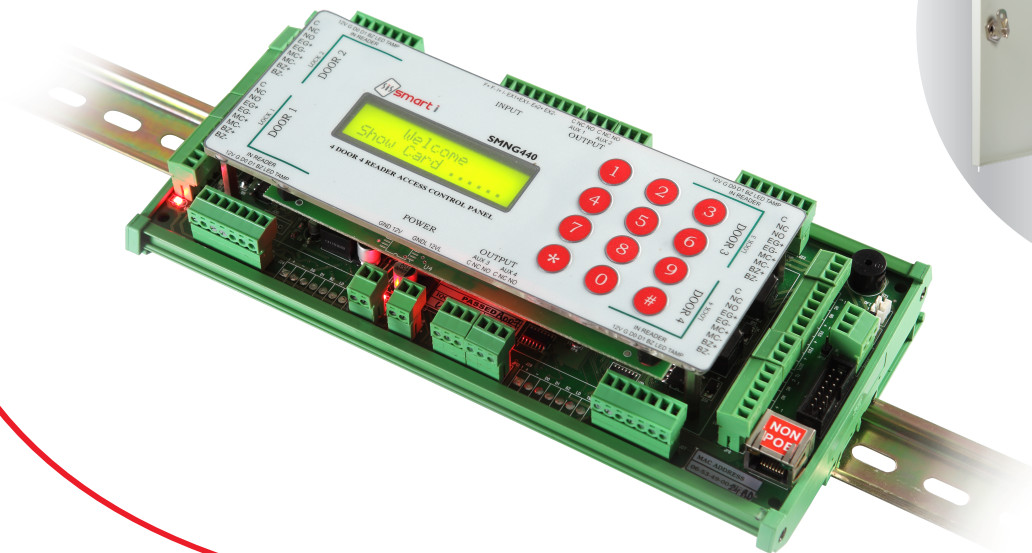## The Premium 4 Door 4 Reader Access Controller
With **32 Bit Processor** and **DIN Rail Mounting**

smartXS NG *plus* is a premium category 4 Door 4 Reader Access Controller, as fast and as efficient in all functions as the best in the market in this category. Better in fact, in some ways.

- **The Processor:-** Its 32 bit processor makes **smartXS NG *plus*** a much faster and more efficient controller in all its functions at par with the other controllers in the premium category. Much more cost effective too.

- **MODBUS:-** **smartXS NG *plus*** has MODBUS connectivity option for integration with third party BMS (Building Management System).

- **SNMP Alerts:-** SNMP alerts for integration with IT System Administration Software for monitoring critical events ie; Door left open, unauthorized access attempt, Power Fail and Battery Low Alerts, etc.

- **Alarm management Software module: -** CCTV/IP Camera Integration with Access Events for security audit or to verify/identify tailgating, made effective by alerts based on UDP network protocol.

- **Inbuilt Web Server –** **smartXS NG *plus*** can be managed remotely through inbuilt web Server using any web browser.

- **4 GB SD Memory Card –** Mirror image of device configuration and data.

- **Door Interlocking -** **smartXS NG *plus*** has inbuilt configurable door interlocking facility for clean environment so vital in sectors such as pharma, datacenter, etc.

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

No Hidden Costs All essentials, the Controller, Reader Interface, Power Supply, Metal Enclosures are all inbuilt, together, and do not have to be added on.

Software & Hardware Designed in-house in India Makes it more suitable and receptive to the Indian requirements.

Onboard TCP/IP based Architecture with Online Firmware up gradation facility All access decisions taken independently by each controller. The Device has an inbuilt capability for an online up gradation of the firmware.

DIN Rail mounting option: - Available in more compact and attractive standard DIN Rail mounting.

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

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

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

**Optional

Technical Specifications

Particulars	Specifications
Model no.	**SMNG440**
Applications	Access Control System
Technical Specification	
CPU	ARM 32 Bit RISC Processor
Memory	4GB SD and 8 MB Flash
No. of Doors	4
No. of Readers	4
Events/Transactions	Upto 4,00,000
Users	Upto 1,00,000
Web Server	Yes
Door Interlocking/Man Trap	Yes
Global APB	Yes
SNMP Alerts	Yes
MODBUS Protocol Support	Yes
AC Fail/Low Battery Alert	Yes
Reader Interface	Weigand (Up to 34 bit)
Input	12 inputs (4- Door Status, 4- Egress, 1- Fire & 1- intrusion and 2 Extra input)
Output	12 outputs (4 - DOTL, 4 – Lock, 4 auxilliary output)
Communications Port	TCP/IP, Rs485
Protocol	TCP, UDP, TCP Push, UDP Push, SNMP, Modbus
Fire Integration	Yes
Intrusion Integration	Yes
LCD	16X2 LCD Display
Keypad	4X3 Key with soft keypad
Baud Rate	9600bps (Default)
Controller ID	Upto 10000
Language	English
Power Supply	12 V DC/ 5A
Enclosure	Industry Standard Metal Enclosure
Mounting	Din Rail (Without Metal Enclosure) / Wall mount (with Metal Enclosure)
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	Escort (Reader Wise)
Holiday Settings	42
Ordering Information	
Controller	SMNG440
Controller (Without Metal Enclosure)	SMNG440-DIN
Software	"smartENGINE" / "smartCOMMANDCONTROL"
Accessories	Card Reader - SC504/SPR501

* smart-i Policy is one of constant improvement. We reserve the rights to alter specifications without any prior notice.