

# smartXS NG

## Model No: SMNG240

*2 Door 4 Reader Access Control Panel*



The state-of-the-art single/dual door **smartXS NG** networked access controller is the backbone of medium scale security systems handling up to 30,000 users and 60,000 transactions. With smart-i's powerful, flexible and easy to use software, the system provides an ideal, modular and expandable solution for commercial and institutional needs. It provides seamless integration with varied range of RFID Proximity, PIN, PIN & PROX, Smartcard and biometric readers with numerous selections of RFID credentials.

### General Description:

Each **smartXS NG** access control unit (ACU) supports two readers (In/Out) of various formats including standard Wiegand (Up to 34-Bit). Installations can also have one reader per door. The **smartXS NG** is ready for installation with a mountable and lockable metal enclosure integrated with a power supply/charger, sounder, and control board.

### Main Features:

- Up to 30,000 users with access rights for every panel with database of 60k events
- 20,000, FIFO, history event log recordable
- Full intelligent logic interconnection of inputs, outputs, readers, and more
- Onboard TCP/IP networking with online firmware upgradation facility
- Panel supports both 1-door (In/Out) and 2-door (In/Out, In/In and Out/Out) configurations
- Real-time clock keeps time for up to 24 hours without power (no batteries to replace)
- Cable cut tamper detection function for readers, and cover tamper detection for the enclosure
- Pre-installed enclosure components:
  - Transformer, dual power supply/charger unit for panel and lock devices
  - Space for a 7 AH SLA backup battery
  - Tamper switch
  - Sounder unit

# TECHNICAL SPECIFICATIONS

<b>Particulars</b>	<b>smartXS-NG</b>
<b>Model Number</b>	<b>SMNG240</b>
<b>Application</b>	Access Control Systems
<b>CPU</b>	ARM 32 Bit RISC Processor
<b>Memory</b>	Up to 8 MB Flash
<b>No. of Doors</b>	2
<b>No. of Readers</b>	4
<b>Events/Transactions</b>	60,000
<b>No. Users</b>	30,000
<b>Reader Interface</b>	Weigand (Up to 34 bit)
<b>Input</b>	6 inputs (2- Door Status, 2- Egress, 1- Fire & 1- intrusion )
<b>Output</b>	4 outputs (2 - DOTL, 2 Lock )
<b>Communications Port</b>	TCP/IP, RS485
<b>Protocol</b>	TCP, UDP, TCP Push, UDP Push
<b>Door Interlocking/Man Trap</b>	Yes
<b>Fire Integration</b>	Yes
<b>Intrusion Integration</b>	Yes
<b>LCD</b>	16X2 LCD Display
<b>Keypad</b>	4X3 Key with soft keypad
<b>Baud Rate</b>	9600bps (Default)
<b>Controller ID</b>	Up to 9999
<b>Language</b>	English
<b>Power Supply</b>	12 V DC/ 5A
<b>Mounting</b>	Wall mount (with Metal Enclosure)
<b>Temperature</b>	0°C to 50°C
<b>Humidity</b>	20% to 90%
<b>Facility Code</b>	Available
<b>Time Zone / Access Levels</b>	63 + 1 (Free Time Zone)/Unlimited
<b>Time Zone Slots</b>	4 slots per Day
<b>MODBUS/SNMP</b>	As per Requirement
<b>Anti-Passback</b>	Hard, Soft, Escort (Reader Wise)
<b>Holiday Settings</b>	42

## More Features & Benefits

- Onboard TCP/IP with Online Firmware up gradation Facility
- Device generates a temper event alert if any Reader is tampered with
- Power Supply with provision for battery Backup
- Configurable card/finger verification has been provided for extra security, in addition to the usual login id and password, to access the Controller device
- Anti-pass back, facility/est. 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.

## Ordering Information:

**Model No:**  
SMNG240

**Software**  
SSTA30TA 100U (PACK)  
SSA30AS 100U (PACK)  
SCMDDUO 250U (PACK)

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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