

smartXS NG plus

Model No: SMNG220

2 Door 2 Reader Access Control Panel



The state-of-the-art single/dual door **smartXS NG plus** networked access controller is the backbone of medium scale security systems handling up to 1,00,000 users and 4,00,000 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 plus** 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 plus** 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 1,00,000 users with access rights for every panel with database of 4,00,000 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

Particulars	smartXS-NG
Model Number	SMNG220
Application	Access Control Systems
CPU	ARM 32 Bit RISC Processor
Memory	Up to 8 MB Flash
No. of Doors	2
No. of Readers	2
Events/Transactions	4,00,000
No. Users	1,00,000
Reader Interface	Weigand (Up to 34 bit)
Input	8 inputs (2- Door Status, 2- Egress, 1- Fire & 1- intrusion and 2 Extra input)
Output	6 outputs (2 - DOTL, 2 – Lock, 2 auxilliary output)
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 9999
Language	English
Power Supply	12 V DC/ 5A
Mounting	Wall mount (with Metal Enclosure)
Temperature	0°C to 50°C
Humidity	20% to 90%
Facility Code	Available
Time Zone / Access Levels	63 + 1 (Free Time Zone)/Unlimited
Time Zone Slots	4 slots per Day
MODBUS/SNMP	Available
Anti-Passback	Hard, Soft, Escort (Reader Wise)
AC Fail/Low Battery	Available
Holiday Settings	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: SMNG220	Software SSTA30TA 100U (PACK) SSA30AS 100U (PACK) SCMDDUO 250U (PACK)
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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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