smartSINGLE NG

The Faster Card based Time and Attendance System
With a 32 bit Processor

smartSINGLE NG, the Card based Time and Attendance System, with a 32 bit processor, is very fast and efficient in all processing and communication functions, faster than any other in its category, making it an ideal option for any organization with a fairly large or very large number of employees as well as for schools. Besides this, it also offers several other advantages in support.

KEY BENEFITS

- **A Stand Alone Single Door Attendance Terminal & Access Control.** smartSINGLE NG simultaneously provides Access Control as well for a Single Door.

- **Most efficient Push Mechanism, for Multi Location Application**, to push data from multiple locations to the central location almost in real time.

- **Real Time Resource Management through GPRS.** With the help of the staff attendance, recorded as early as in the staff bus itself, and reported through GPRS in real time, resources can be organized and managed for the day well in time.

- **Attendance and Security for children travelling by school buses.** smartSINGLE NG records attendance of pupils in the school buses and communicates the same to the mobile DVR in the bus, to forward it to the server in the central location in the school via GPRS

- **POE for Minimum Cabling.** With Power on Ethernet, there is no need to have a separate power connection.

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.

Key Highlights

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

Data Security:- The IP address of the authorized computer/s is mapped with that of the controller, thus making the downloading of the data very secure.

Enhanced Security Features: - Anti pass back, facility/establishment code, Time zone, Duress Card/finger for enhanced security.

Remote and easy Online Up-gradation of the Firmware: - Device has an inbuilt tri-color LED which indicate various kind of device transaction process i.e.; Access Granted, Unauthorized Access, Command Activated, etc...

Compact and Elegant Look: - An aesthetic and elegant design with big LCD and capacitive touch sense keypad is a value addition to the interior of the premises.

Technical Specification

Particulars	Specifications
Model No	**STNG7030 - TA Series** **STNG7030 - AC Series**
Applications	Time Attendance & Access Control
Hardware Specifications	
CPU	32 Bit RISC ARM Processor
Memory	Up to 8 MB (Flash)
Events/Transactions	Up to 1,00,000
No. Users	Up to 40,000
Operation Modes	Card Only; Card + PIN (On Wiegand Card Only)
Inbuilt Card Reader	Mifare®; EM cards, HID Iclass & HID Prox
Communications Port	TCP/IP; Wiegand
Controller ID	Up to 10,000
Display	128 X 64 Bicolor COG LCD
Keypad	Capacitive Touch Sense Keypad
LED	Tri-color LED Bar
Sound	Various Beep Sound Indication
Power Supply	12 V DC/ 2A (Min) , POE (Optional)
Enclosure	ABS Plastic
Color	Silver & Black
Dimension(H x W x D) in mm	167 x 105 x 45
Mounting	Wall Mounting
Temperature	0°C to 50°C
Humidity	20% to 90%
Access Control Feature	
Applicable in Model Nos	**STNG7030 - AC Series**
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
Exit switch Supported	Yes
Exit Reader Supported	Yes
Input/Output	3 (Door Status, Egress, Fire) / 3 (DOTL, Lock, Alarm)

Ordering Information

Model No	Application	No of Users	Type	Inbuilt Reader
STNG7030-TA-P/S/HI/HP	Attendance	40000	Card + Pin	P - EM Proximity
STNG7030-TA-P/S/HI/HP-POE	Attendance	40000	With POE	S - MiFARE
STNG730-AC-P/S/HI/HP	Access	40000	Card + Pin	HI - HID iCLASS
STNG7030-AC-P/S/HI/HP	Access	40000	Card + Pin	HP - HID Proximity
Software	**Application**	**Architechture**		
SSA30- AS Series	Access (Only)	Desktop Based Software		
SSTA30- AS Series	Attendance (Only)	Desktop Based Software		
SCMD Pack Series	Access + Attendance	Web-based Software		

Access Control Solutions

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

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