



## Model Number

## SAP 500 Panel

### Product Description

SAP 500 panels is designed considering Safety, Security & Surveillance needs of ATMs, Bank ATMs are subject to theft, vandalism of assets. Though banks are providing for the Security guards, it is expensive to maintain them at every site. Also one has to ensure their presence at all the times which is difficult to manage. Security guards cannot provide all the evidence required for identifying the culprits and deterring them from crime.

Assets in ATMs like ATM Machines, Air conditioners, UPS, UPS Batteries are subject to theft. ATM room and backroom doors need monitoring. Other sensors like vibration sensors, glass break sensors, motion sensors can detect corresponding events which could be analyzed to detect the intrusion. The panel gives alert for LOW Battery, Battery cut and NO Battery. Alarm panels identify the abnormal conditions and raise an alert to the central monitoring station (CMS) with the help of wireless VPN (GSM or CDMA) network. It uses latest SIA IP DC09 protocol to communicate with monitoring software. **SAP 500 can be integrated to audio & video recording facility. Two way voice devices are used to warn the intruders.**



### Application

- ATM and Banks
- Warehouses etc
- Jewelry shop
- Retail



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### Product General Specifications:

- Support SIA protocol plus reverse commands for controlling panel operation (\*customize protocol can be supported)
- All zones and parameters are user configurable with the help of Panel utility.
- Centralized monitoring of specified events in multiple ATM locations or branches
- LED Indications on keypad:
  - RED LED - For Alarm Conditions
  - GREEN LED - For Fault Conditions
  - BLUE LED - When in Arm LED continuously ON
- \*EM (Electro-magnetic) Lock with keypad to access backroom with unique codes for different companies.
- keypad with LCD with unique codes (up to 19 different codes to support 19 different agencies) for Disarming the Chest Door Sensor of the ATM machine , Back room door sensor, Cheque drop box etc. (\*others zone can be configure through Utility)
- Access can be controlled at any essential points where it could be necessary to restrict or regulate entry.
- Multiple keypad support up to maximum 4 keypads.
- All zones can be configured as NO or NC.
- Buzzer and siren indication for Alarm on site and alarm reported to AEMS. • Auto ARM feature - settable time through utility and configuration file
- Upgradable firmware from remote location.
- One touch zone configuration from remote location by configuration file
- Inbuilt Self diagnostic tool to show zone status, reboot, threshold adjust parameters
- 50 event logs can be stored.
- \*Support up to 4 CCTV Cameras
- \*Support 1 two way communication port
- Support up to 31 Intrusion Sensors inputs
- 4 Conventional smoke zones and
- \*Support up to 32 Wireless sensors zones (optional)
- \*4-8 relays box support - (Signage, AC, Backroom, Lobby light etc)
- Compact design with hidden mounting place for DVR/NVR, Router and Battery
- 2 Exhaust Fans for better ventilation



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### Specifications

<b>General Specifications</b>	
Operating Temperature	0° C to +55° C
Storage Temperature	-
Humidity	5 to 90% Rh
Accuracy	-
Colour	Off White
Sound Level	85db internal buzzer
Enclosures	Metal body
<b>Electrical Specifications</b>	
Power Supply	180~280VAC
Voltage & Current Rating	12V, 5A with battery charger
Battery charging support	For 5A model – 14Ah, For 10A model – 26Ah
Standby Power	200mA
Power Consumption	1A
No. Of Zones	35 zones
Zone Expander support	Yes, 15 zone expander
Smoke zone	Yes, 4 dedicated zone out of 35 zone
No. of Smoke connect	10-12 nos in each smoke zone
<b>Mechanical specifications</b>	
Weight	16kg
Dimensions	(LxxH) 390x120x480mm
Display	External on keypad
Cable Entry	Gland type
<b>LED Indications and Output</b>	
LED Colour	Power ON and communication LEDs
Output	<ul style="list-style-type: none"><li>• Siren Output—1 to 20 min.</li><li>• IP reporting</li><li>• Router reset relay</li><li>• DVR reset Relay Output</li><li>• Audio Buzzer</li><li>• Logs 50 events</li><li>• 4-8 relays for controlling load</li></ul>
<b>Certifications</b>	



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	EDTC /STQC
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### Warranty

	Standard 1 Year
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### Models and Variants

### Abbreviations

SAP 500 Panel	Security Alarm Panel – 5 <sup>th</sup> Generation
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Datasheet Version with Date (26/07/2020)



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