

## ATM AVV Panel

(Family – Intrusion/OEM)

### Product Description:

ATM AVV panel is designed considering ATMs safety. 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 analysed 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.

ATM AVV 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 Features:

- 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 and 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 keypads support up to 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



# SAP 500



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### Technical Specifications:

<b>General specifications</b>	
Operating temperature	0° C to +55° C
Humidity	5 to 90% Rh
Colour	Off white
Sound level	85 dB internal buzzer
Enclosures	Metal body
<b>Electrical specifications</b>	
Power supply	180 ~ 280 VAC
Voltage & current rating	12 V, 5 A with battery charger
Battery charging support	For 5 A model – 14 Ah, for 10 A model – 26 Ah
Standby power	200 mA
Power consumption	1 A
Number of zones	35 zones
Zone expander support	Yes, 15 zone expanders
Smoke zone	Yes, 4 dedicated zone out of 35 zone
Number of smokes connect	10-12 nos. in each smoke zone
<b>Mechanical specifications</b>	
Weight	16 kg
Dimensions	390 x 120 x 480 mm (L x W x H)
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>	
	EDTC /STQC
<b>Warranty</b>	
	Standard 1 Year
<b>Abbreviations</b>	
	ATM AVV

Datasheet version with date (V.2 Oct2020)



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