

## smartATM

Model No: SATM -24IP-CxPxR9-xx

smartATM E-Surveillance Panel - 24 Zone



**smartATM-** Effective 24x7 e-Surveillance and much more, with smartATM the Multilayer 24X7 Security and utility monitoring solutions for ATM sites

### Key Features:

- All zones and relays are configurable
- Easy Upgradable firmware from remote location via CMS
- MODBUS for third party devices.
- Powerful SMPS providing supply to multiple devices & sensors
- Default Support for 4/8/16 CCTV cameras\* (optional)
- Inbuilt display to show zone status, server connectivity, server IP details etc.
- Available in Medium & large cabinets. Exhaust fan for better ventilation
- Single door Access can be controlled wherever necessary to restrict or regulate entry
- continuous self check to ensure it that all its functions are operational including continuity of communication between the ATM Site & the Central Monitoring Software (heart bits )
- DVR Alert available for Camera Mask, Camera video Loss, HDD Loss
- Optional Artificial Intelligent System with Single or Dual camera, for Four Event ( Helmet & Face Mask, Loitering, Crowding, & Camera Mask )

# TECHNICAL SPECIFICATIONS

Particulars	smart <b>ATM</b>
Model No	SATM -24IP-CxPxR9-xx
Application	Intrusion panel, ATM E-surveillance systems
CPU	32 Bit RISC ARM Processor
Memory	Up to 8 MB Flash
Events/Transactions	30,000 Events/Transactions Storage Capacity
Protocol	SIA-DC9 or Smart-I Proprietary
Display	16 X 2 Alphanumeric display
Keypad	4X 3 Matrix Keypad
Weigand (In)	Available 1 no. for Pin-pad Reader(Arm/Disarm)
Communications Port	TCP/IP RS485-1 for Two way GSM RS485-2 for UPS/DG/Energy Meter* RS485-3 for Display keypad (Arm/ Disarm)* RS232-for UPS integration (Optional)
Input (Zone)	24 Nos. (13Nos. Potential free inputs for Sensor input & 3Nos. Default sensor input for smoke detectors, smoke temper & low battery alarm )
Output	Potential free outputs 9 nos. for EML Lock, Hooter, AC/Signage, router supply etc..
Smoke Zone	Conventional smoke zone available
Low Battery Alarm	Available
Tamper	Available
LED	Available for Zone status & O/p relay status
Sound	Beep & Buzzer Sound
Power Supply	<ol style="list-style-type: none"> <li>1) <b>P4:</b> SMPS (AC 230V; ±10%; 50 HZ ), O/p: <a href="#">13.8V@5A</a>, 7Ah/12Ah Battery back up (for 24IP Standard panel + Two Way GSM + Router + Keypad (Arm &amp; Disarm) + 12V@7Ah Battery) [Suitable for Medium cabinet only]</li> <li>2) <b>P5:</b> SMPS (AC 230V; ±10%; 50 HZ ), O/p: <a href="#">13.8V@6.5A</a>, 12v@12Ah*2 Battery back up – (for 24IP Standard panel + 8 Camera + NVR/DVR + Two Way GSM + Router + Keypad (Arm &amp; Disarm) + EML lock + 12V@12Ah Battery - 2 Nos.) [Suitable for Large Cabinet only]</li> <li>3) <b>P6:</b> SMPS (AC 230V; ±10%; 50 HZ ), O/p: <a href="#">13.8V@8A</a>, <a href="#">5v@3A</a>, 12v@12Ah*2 Battery back up- ( for 24IP AI panel + 8 Camera + NVR/DVR + Two Way GSM + Router + Keypad (Arm &amp; Disarm) + EML lock panel + 12V@12Ah Battery - 2 Nos.) [Suitable for Large Cabinet only]</li> <li>4) <b>P7:</b> SMPS (AC 230V; ±10%; 50 HZ ), O/p: <a href="#">13.8V@12.5A</a>, <a href="#">5v@3A</a>, 12v@12Ah*2 Battery back up- ( for 24IP AI panel + 16 Camera + DVR/NVR(16Ch with 2SATA) + Two Way GSM + Router + Keypad (Arm &amp; Disarm) + EML lock + 12V@12Ah Battery - 2 Nos.) [Suitable for Large/Extra Large Cabinet only]</li> </ol>

Note: \*indicate optional or confirm while finalization of specs

# TECHNICAL SPECIFICATIONS

<b>Enclosure</b>	M- LWH=400mm X 75 mm X 350 mm a) MS Powder coated with Lock & Key b) Motherboard + AC/Fail PCB or Router + Power Supply+ 12v@7Ah Battery Assembly provision
	M1 - LWH=390mm X 115 mm X 375 mm a) MS Powder coated with Lock & Key b) Motherboard + AC/Fail PCB+ Power Supply+ Router + 12v@12Ah Battery Assembly provision
	L- LWH =530 mm X 120 mm X 530mm a) MS Powder coated with Lock & Key b) Motherboard + AC/Fail PCB + Power Supply + Router+ DVR/NVR(up to 16Ch with Single SATA) + AI + Network switch + 12v@12Ah *2Nos Battery Assembly provision
	XL- LWH =530 mm X 120 mm X 530mm a) MS Powder coated with Lock & Key b) Motherboard + AC/Fail PCB + Power Supply + Router+ DVR/NVR(16Ch with 2SATA) + AI + Network switch + 12v@12Ah *2Nos Battery Assembly provision
<b>Mounting</b>	Wall Mounting
<b>Operating Temp.</b>	0°C to 50°C
<b>Humidity</b>	20% to 90%

Note: \*indicate optional or confirm while finalization of specs

# PRODUCT SELECTION GUIDE

Model No	Description
SATM-24IP-C1P4R9-M	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, Weigand port available for Pinpad (Arm/disarm), 13.8v@5A Battery Back up power supply, Metal cabinet Size LWH=400mm X 75 mm X 350 mm for 24zone panel (with Lock & key, Router or AC Fail Board assy. Provision, 12v@7Ah Battery Assembly provision).
SATM-24IP-C2P4R9-M	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, Weigand port available for Pinpad (Arm/disarm), 13.8v@5A Battery Back up power supply, Metal cabinet Size LWH=400mm X 75 mm X 350 mm for 24zone panel (with Lock & key, Router or AC Fail Board assy. Provision, 12v@7Ah Battery Assembly provision).
SATM-24IP-C3P4R9-M	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, RS 485-3 for Display keypad (Arm/ Disarm), 13.8v@5A Battery Back up power supply, Metal cabinet Size LWH=400mm X 75 mm X 350 mm for 24zone panel (with Lock & key, Router or AC Fail Board assy. Provision, 12v@7Ah Battery Assembly provision).
SATM-24IP-C1P4R9-M1	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, , RS 485-1 for Two way GSM, Weigand port available for Pinpad (Arm/disarm), 13.8v@5A Battery Back up power supply, AC Fail & UPS Fail signal, Metal cabinet Size LWH=390mm X 115 mm X 375 mm for 24zone panel (with Lock & key, Router, 12v@12Ah Battery Assembly provision).
SATM-24IP-C2P4R9-M1	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, Weigand port available for Pinpad (Arm/disarm), 13.8v@5A Battery Back up power supply, Metal cabinet Size LWH=390mm X 115 mm X 375 mm for 24zone panel (with Lock & key, Router, 12v@12Ah Battery Assembly provision).
SATM-24IP-C3P4R9-M1	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, RS 485-3 for Display keypad (Arm/ Disarm), 13.8v@5A Battery Back up power supply, Metal cabinet Size LWH=390mm X 115 mm X 375 mm for 24zone panel (with Lock & key, Router, 12v@12Ah Battery Assembly provision).
SATM-24IP-C1P5R9-L	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, Weigand port available for Pinpad (Arm/disarm),13.8v@6.5A Battery Back up power supply, Metal cabinet Size LWH =530 mm X 120 mm X 530mm for 24zone panel (with Lock & key, DVR/NVR-up to 16Ch with Single SATA, Router, Network Switch, 12v@12Ah*2 Battery Assembly provision).
SATM-24IP-C2P5R9-L	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, Weigand port available for Pinpad (Arm/disarm),13.8v@6.5A Battery Back up power supply, Metal cabinet Size LWH =530 mm X 120 mm X 530mm for 24zone panel (with Lock & key, DVR/NVR-up to 16Ch with Single SATA, Router, Network Switch, 12v@12Ah*2 Battery Assembly provision).
SATM-24IP-C3P5R9-L	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, RS 485-3 for Display keypad (Arm/ Disarm), 13.8v@6.5A Battery Back up power supply, Metal cabinet Size LWH =530 mm X 120 mm X 530mm for 24zone panel (with Lock & key, DVR/NVR-up to 16Ch with Single SATA, Router, Network Switch, 12v@12Ah*2 Battery Assembly provision).

# PRODUCT SELECTION GUIDE

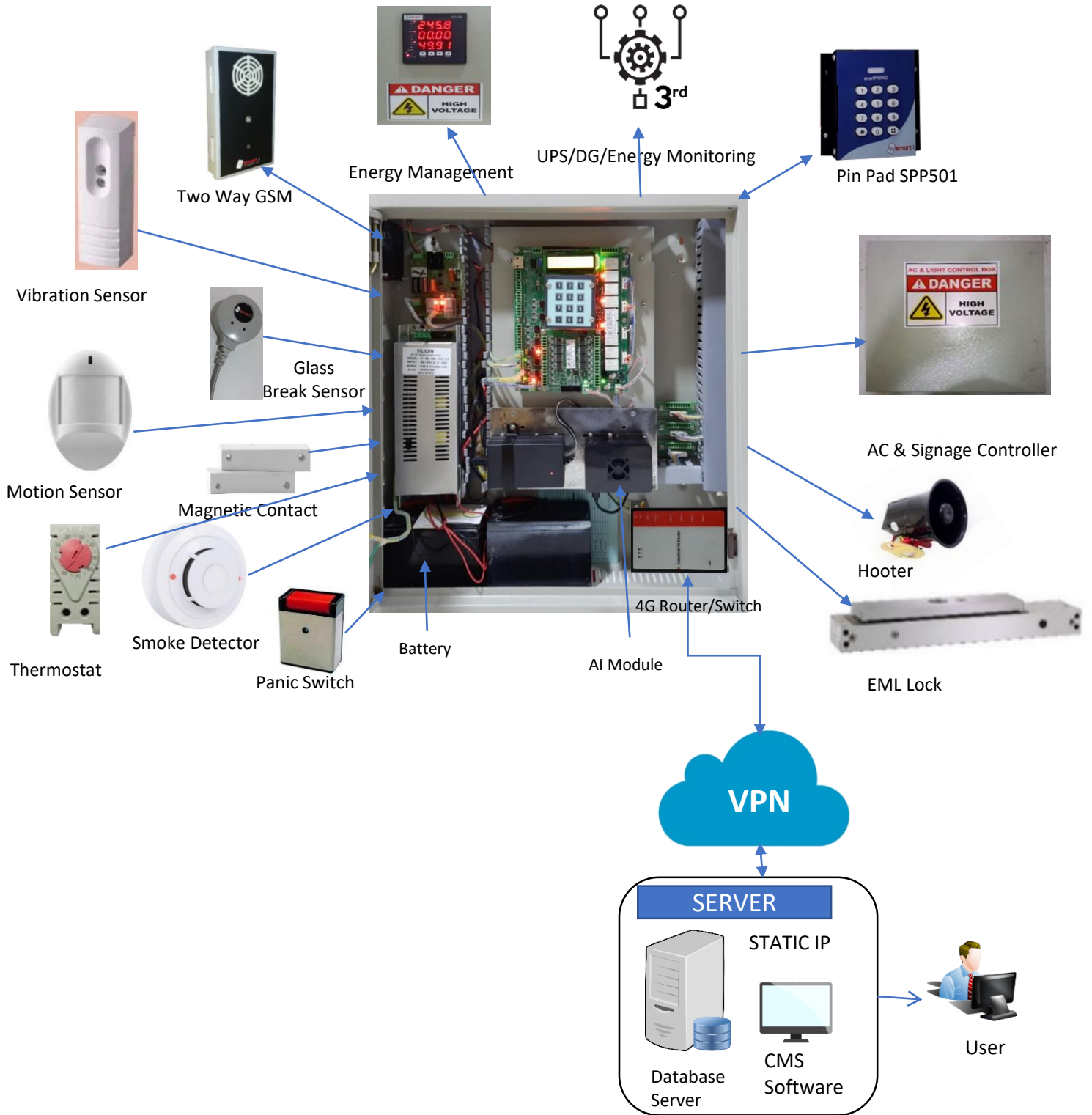
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SATM-24IP-C1P6R9-L	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, Weigand port available for Pinpad (Arm/disarm),13.8V@8A, 5V@3A Battery Back up power supply, Metal cabinet Size LWH =530 mm X 120 mm X 530mm for 24zone panel (with Lock & key, DVR/NVR-up to 16Ch with Single SATA, Router, Network Switch, 12v@12Ah*2 Battery Assembly provision)
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SATM-24IP-C3P6R9-L	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, RS 485-3 for Display keypad (Arm/ Disarm), 13.8V@8A, 5V@3A Battery Back up power supply, Metal cabinet Size LWH =530 mm X 120 mm X 530mm for 24zone panel (with Lock & key, DVR/NVR-up to 16Ch with Single SATA, Router, Network Switch, 12v@12Ah*2 Battery Assembly provision)
SATM-AI-24IP-C3P6R9-L	<b>smartATM</b> Artificial intelligence E-Surveillance Panel with raspberry pie 3 Model B+, four event of 1 CAMERA, 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, RS 485-3 for Display keypad (Arm/ Disarm), 13.8V@8A, 5V@3A Battery Back up power supply, Metal cabinet Size LWH =530 mm X 120 mm X 530mm for 32zone panel (with Lock & key, AI,DVR/NVR-up to 16Ch with Single SATARouter, Network Switch, 12v@12Ah*2 Battery Assembly provision)
SATM-24IP-C2P7R9-L	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, 13.8V@12.5A, 5V@3A Battery Back up power supply, Metal cabinet Size LWH =530 mm X 120 mm X 530mm for 24zone panel (with Lock & key, DVR/NVR-up to 16Ch with Single SATA, Router, Network Switch, 12v@12Ah*2 Battery Assembly provision)
SATM-24IP-C1P6R9-XL	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, Weigand port available for Pinpad (Arm/disarm),13.8V@8A, 5V@3A Battery Back up power supply, Extra Large Metal cabinet Size LWH =626mm x 125mm x 530mmfor 24 zone panel (with Lock & key, DVR/NVR-16Ch with 2SATA,Router,Network Switch, 12v@12Ah*2 Battery Assembly provision)
SATM-24IP-C2P6R9-XL	<b>smartATM</b> E-Surveillance Panel with 24 Zone, 9 output relay, 12Key numeric keypad, 16*2LCD display, TCPIP Network, RS 485-1 for Two way GSM, RS 485-2 for UPS/DG/Energy Management Panel, 13.8V@8A, 5V@3A Battery Back up power supply, Extra Large Metal cabinet Size LWH =626mm x 125mm x 530mm for 24 zone panel (with Lock & key, DVR/NVR-16Ch with 2SATA,Router,Network Switch, 12v@12Ah*2 Battery Assembly provision)
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# TOPOLOGIES

## ATM E-surveillance Panel with Accessories



# TOPOLOGIES

## Multi-location TOPOLOGY -VPN

