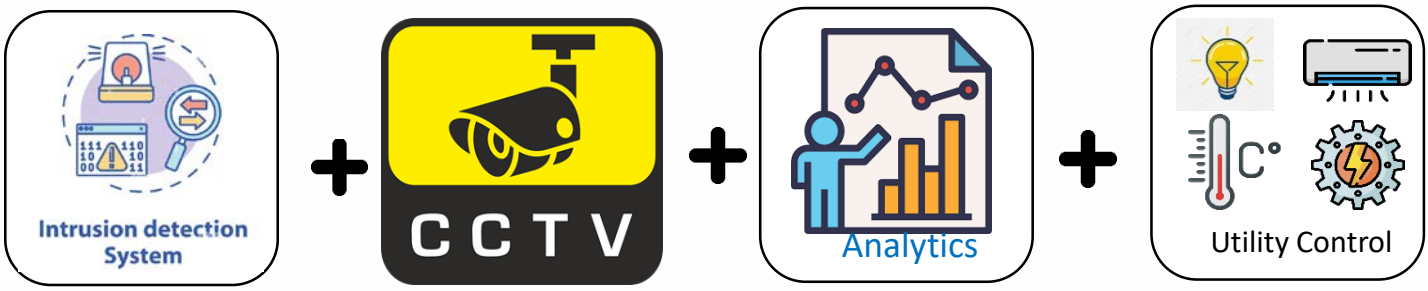
DATASHEET

smart i
Smart Surveillance Solutions

Jupiter

Model No: SATM-XXIP-Jupiter (For ATM)
SFMS-XXIP-Jupiter (For Retail)

E-surveillance IoT Panel for smart Multilocation facility management



To Address Challenges with Conventional E-surveillance panel ,Smart-I has come up with Innovative Path breaking E-Surveillance Solution with In house Developed Single GPU Platform Solution .

Jupiter is Single Integrated Platform with NVR, Intrusion, Analytics & Utility Control i.e. AC, Signage, Environmental Monitoring, Energy data.

Jupiter is Effective 24x7 e-Surveillance and much more, with Multilayer 24X7 Security and utility monitoring solutions for Multi location Organization's.

Key Benefits:

- State of the Art Truly integrated E-Surveillance Solutions for multi locations facilities.
- Designed & Make in India E-Surveillance including **CCTV Platform**
- Open Platform Support to any 3rd party command & Control Monitoring software.

Jupiter – Key Features & Applications

Key Features:

- Intrusion System (8/16/24/32/40 Zone) with configurable zones and relays
- Inbuilt display & Keypad for easy Configuration. E.g. zone status, server connectivity, server IP details etc.
- Elegant designed Pin-pad Reader for Access single door, ARM /DISARM for zone *(For Banking)*
- Elegant designed Biometric Device for Attendance *(For Retail)*
- CCTV Camera support – 4 Channel (*Up to 8 Camera optional)
- Provision for Artificial Intelligent on 1 camera, for Four Event (Helmet & Face Mask, Loitering, Crowding, & Camera Mask) *(For ATM & Bank Branches)*
- MODBUS for third party devices.
- Heart Bit: Continuous self health check to ensure that all the functions are operational including continuity of communication between the systems on Site & the Central Monitoring Software.

- **Utility/Facility Management Compatibility for**

- AC Fail/UPS Fail detection
- Lobby Light / Signage
- AC control *(For ATM & Branches)*
- UPS Power Control
- Raw Power control
- Lobby temperature Monitoring
- Energy Monitoring

Applications: Multi-location Organizations

- Bank & ATM Branches
- Branches Of Financials & Insurance company
- Organized retail chain
- Multi-location warehouse
- Document storage facilities
- Cold Chains

Particulars/Brand	**Jupiter**
Model No	*SATM-XXIP-Jupiter*
Application	CCTV Monitoring & video recoding, Intrusion, Analytics & Utility Control for Multilocation Organization
CPU	Quad- Core Embedded Processor
DRAM **Memory**	2 GB LPDDR4
Mass storage	32 GB eMMC5.1 32 MB QSPI NOR MicroSD card connector
Display	16 X 2 Alphanumeric display
USB	USB (2.0) Type-A connector, is used for HDD interface
Audio connector	3.5 mm Stereo Line output, 2 Vrms
Wi-Fi/Bluetooth	Wi-Fi5 (802.11ac) 1x1 Dual-Band (2.4/5 GHz) and Bluetooth 5.1
Protocol	SIA-DC9/Smart-I Proprietary
wiegand (In)	1. Available 1 no. for Pin-pad Reader for Access Single Door, ARM /DISARM for zone 2. For Standalone Biometric Attendance systems *(For Retail)*
Communications Port	TCP/IP RS485-2Nos.
Input (Zone)	Up to 32 Nos. (29Nos. 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	**P6:** SMPS (AC 230V; ±10%; 50 HZ), O/p: 13.8V@8A, 5v@3A, 12v@12Ah*2 Battery back up- (for up to 32IP AI panel + 4 Camera + Two Way GSM + Router + Keypad (Arm & Disarm) + EML lock + 12V@12Ah Battery - 2 Nos.)
Enclosure	MS Cabinet with Powder coating
Dimensions	L x W x H =530 mm X 120 mm X 530mm
Mounting	Wall Mounting
Operating Temp.	0°C to 50°C
Humidity	20% to 90%

TECHNICAL SPECIFICATONS- CCTV

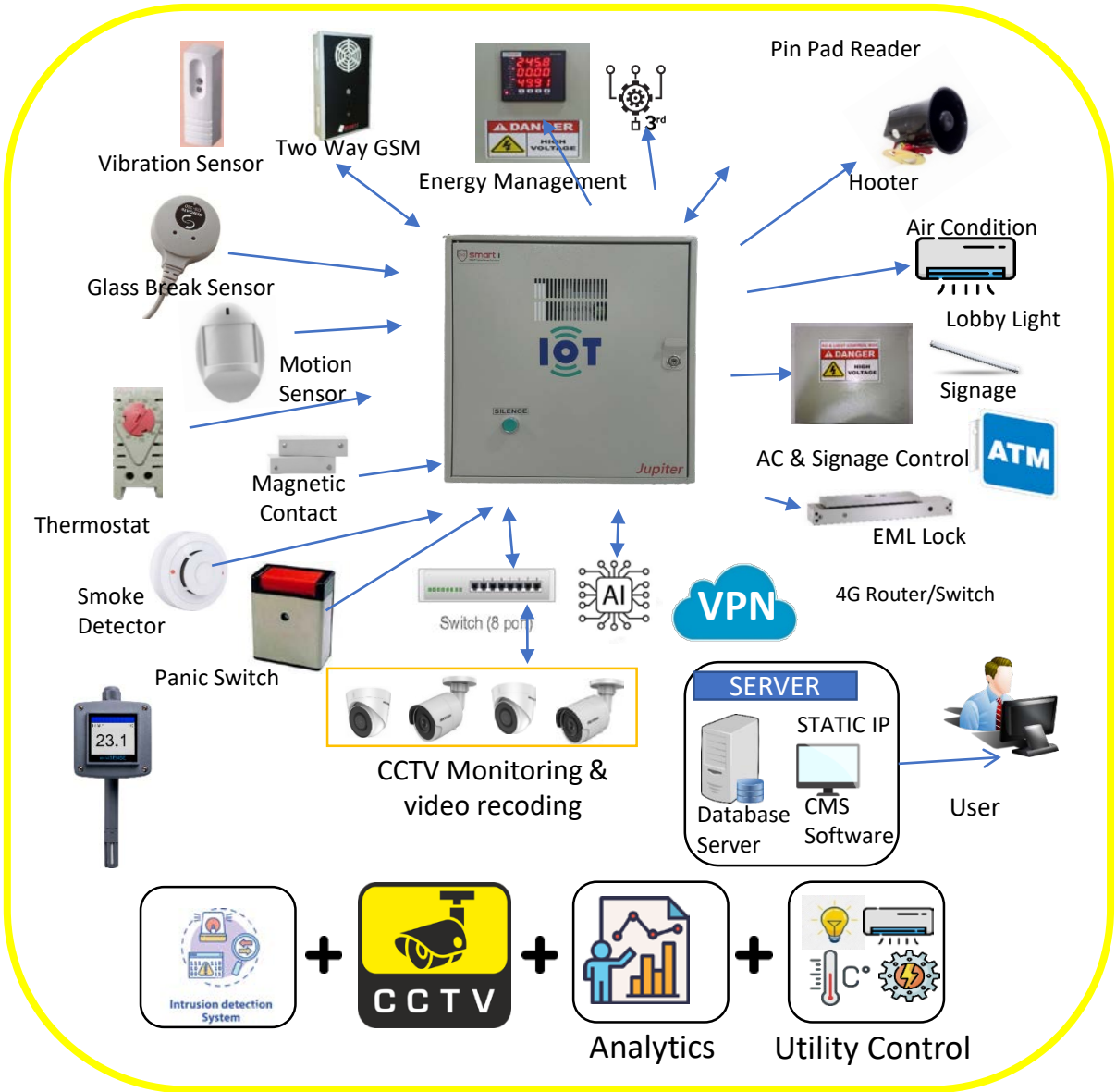
System	
Main Processor	Quad-core embedded processor
Operating System	Embedded Linux
Video and Audio	
IP Camera Input	4 channel, 8Channel*(Optional)
Audio Output	1 channel output, 3.5 mm audio jack for amplified speakers.
Video Recording	
Compression	H.265 ,effectively reduces the storage space.
Resolution	1280 x 720, 640 x 480 with 25/10 fps
Record Mode	Manual, Schedule (Regular, Motion Detection).
Image Recording	
Compression	JPEG
Resolution	As per main stream resolution of ip camera . Support 1920*1080P/1280*720P/1280*960P
Record Mode	Schedule (Regular, Motion Detection)
Storage	
Internal HDD	1 x USB port(USB to SATA converter), Up to 2 TB capacity
Events	Hard Disk fails , Hard Disk not connected
Network	
Interface	1 RJ-45 Port (10/100/1000Mbps)
Network Function	HTTP, HTTPS, RTSP, FTP
Software upgradation /Configuration	
Panel Settings	Entire panel setting can be change upgraded by configuration file or By web browser panel setting page.
Software Up gradation	By web browser
Events	
IP camera	Video loss, IP camera disconnected, Motion detection. Any specific ip camera related events can be shown on web browser page.
Hard Disk	Hard disk fails ,not connected.

TECHNICAL SPECIFICATONS- Arm/Disarm Keypad Display Device

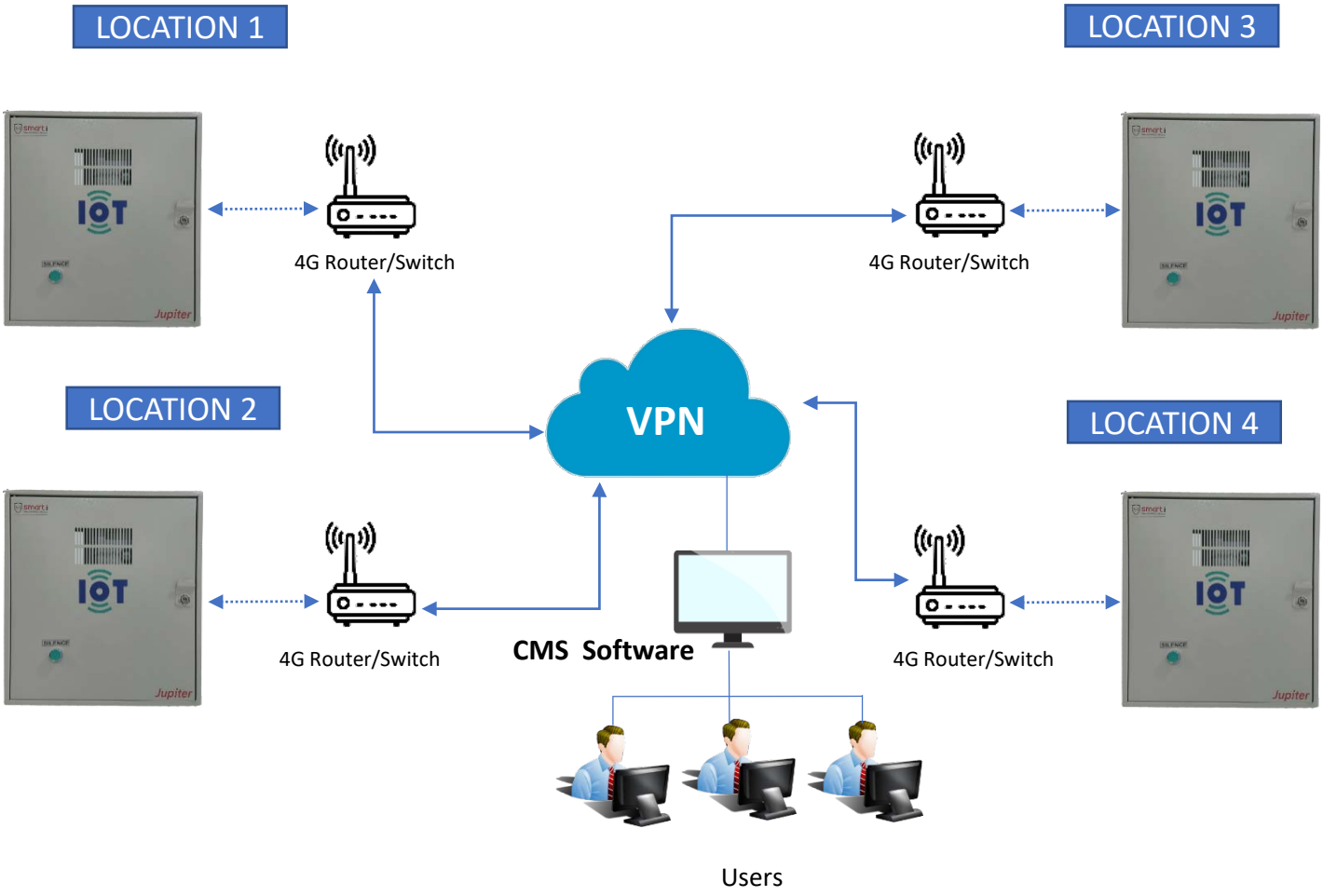
Model No	
CPU	32 bit Processor
Display	16X2 LCD Alphanumeric Display
Keypad	4X3 touch keypad
Communication Port	Wiegand & RS485
Led	Tricolor Led
Baud Rate	9600 bpm
Mounting	Wall Mount
Power Supply	12V Operated

TOPOLOGIES

Jupiter e-surveillance Panel with Accessories



Multi-location TOPOLOGY -VPN



Command & Control Software Support

API & SDK support provided for any 3rd party command & Control Software

Support Multiple Command & Control Softwares e.g. Nabulus, Transervative, intelleve, i-compliance