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SEC FSM1 G4



A reliable 4G and IP-enabled controller designed for fogging systems and intrusion response. It supports IP, 4G, GSM voice and SMS communication with automatic failover to maintain uninterrupted alarm reporting. The unit includes 4 input zones, IVR-based voice alerts, and customizable SMS messaging and up to 10 programmable contact numbers. It provides seamless integration with UR Fog systems and central monitoring stations through the SIA DC09 protocol. Remote management is available via mobile applications and a Windows configuration tool for arming, fog activation and real-time notifications. A compact ABS enclosure and simplified setup ensure efficient installation and service.

Key Features

- Microcontroller-based 4G and IP IoT controller for Fogging Systems
- Secure communication and control solution for fogging systems and intrusion response applications
- Multiple communication modes: IP, 4G, SMS and Voice Call
- Inbuilt GSM module supporting SMS and call alerts
- 4 digital input zones for alarm and status integration
- 4 voice messages, one assigned per zone
- Multiple alarm and status SMS alerts
- Inbuilt Ethernet port with 10/100 Mbps support
- Alarm and status communication over TCP/IP
- Automatic redundancy and multi-path failover for uninterrupted connectivity
- Supports IP + 4G + GSM, IP + 4G, 4G + GSM, IP + GSM combinations
- GSM voice message recording through automated user-friendly IVR
- Compliant with standard SIA DC09 Internet Protocol Event Reporting
- Direct integration support for command centers and central monitoring stations
- System configuration and parameter settings through Windows application
- Customizable input labels included in alarm SMS messages
- Up to 10 programmable phone numbers for alert communication
- Selectable notification mode per number: Call & SMS, Call Only, SMS Only, Disabled
- ABS housing for secure installation environments

Fogging System Integration

- Ready for direct interface with UR Fog fogging systems
- Dedicated terminals for arming, fog activation and status monitoring

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IOT CONTROLLER FOR FOGGING SYSTEMS

Fogging Controller



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Remote Monitoring and Control

- Supports Android/iOS mobile apps and Windows software
- Remote arming and disarming
- Fog trigger command from mobile
- Exhaust/HVAC monitoring and control functions
- Access to history and event logs
- Real-time push notifications for system events

Alert and Status Monitoring

- Intrusion alarm and fog activation alerts
- Arming and disarming notifications
- Low fog fluid condition reporting
- AC mains failure/restore alerts
- System fault and service warning messages
- Communication health supervision

Installation and Compatibility

- Quick installation with simplified configuration
- Designed for fast troubleshooting and diagnostics
- Compatible with intrusion alarm systems and manual fog trigger

Technical Specifications

Digital Inputs	:	4 Opto-isolated, Compatible with NO/NC contacts
Auxiliary Supply Output	:	12V 250mA, resettable fuse
LED Indicators	:	Power, arm, dialing
Ethernet	:	10/100 Base T communication with MAC and PHY interfaces
Operating Current	:	Up to 2000mA
Mains Input Voltage	:	12V DC
Operating Temperature	:	0°C to 60°C
Storage Temperature	:	-20°C to 60°C
Enclosure	:	ABS Housing



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