

# StarGate-5

## IDS Alarm Panel

### INTRUSION DETECTION TECHNOLOGY

Designed to function both as a standalone intrusion detection system for central station monitoring and as a cohesive part of the StarWatch™ security platform, the StarGate-5 provides secured, open connectivity for diverse applications. With native BACnet® as an option, the StarGate-5 can communicate with any ANSI/ASHRAE 135-2010 compliant system, enabling seamless integration of intrusion detection, security, and building management systems.

The StarGate-5 controller provides 8 on-board I/O points, expandable in sets of 8 points via RIOX-5 expansion modules (up to 128 I/O points total). The panel can be installed directly or housed within a metal enclosure with an optional 24VDC power supply. The unit can also provide local battery back-up charged by the local power supply or PoE+ supply.

### USER AUTHENTICATION

In addition to traditional PIN-based arming/disarming, the StarGate-5 supports a SAML-based user authentication process, allowing customers to centrally and uniquely manage who can arm/disarm their facilities.

Via an integrated LCD touchscreen, users are prompted to enter a unique user name/password combination, which is validated against a centralized SAML server. This process provides the highest level of IDS authentication and security.



Incorporating PoE+ and BACnet technology, the versatile StarGate-5 panel provides an innovative, reliable IDS solution for commercial and military applications

### KEY FEATURES

- PoE+ native BACnet intrusion detection panel
- Status indication LEDs and icons reduce installation and configuration time
- PoE+ design powers unit and LCD touch panel
- 4 state alarm monitoring
- Advanced SAML user authentication
- 8 on-board inputs and 8 outputs, expandable to 128 inputs and 128 outputs via RIOX-5 modules
- PoE+ build option



## FACILITIES

Connects to central stations via Contact ID over IP/  
Cellular

Connects to third-party BACnet compliant systems

### Inputs

- 8 on-board tamper protected inputs, expandable to 128 with RIOX-5 cards
- Capable of detecting normal, alarm, tamper short, and tamper open

### Outputs

- 8 on-board relay outputs, expandable to 128 with RIOX-5 cards
- Each contact is Form C selectable as 1 Form A or 1 Form B, rated for 10A at 125VAC

Plug and play network connection

UL 1076 - Proprietary Burglar Alarm Units/Systems

UL 1610 - Central-Station Burglar-Alarm Units

FCC Part 15 Class A (board), B (enclosure)

ULC ORD C1076 - Proprietary Burglar Alarm Units/  
Systems

Up to three 7" 800x480 LCD touch panel interfaces

## TECHNICAL DATA

Processor • 1000 MHz ARM Cortex A9

Memory • 512 MB RAM  
• 512 MB Flash

Operating System • Linux

Database • SQL Lite

## ENVIRONMENTAL

Operating • -40 to +70°C

Storage • -40 to +70°C

Humidity • up to 93% non-condensing at 40°C

EMC • BS EN 55022  
• BS EN 50082-1

Dimensions • 10 in (25.4 cm) x 6 in (15.2 cm)

## TECHNICAL SPECIFICATIONS

### ELECTRICAL

#### Supply

- PoE+: 25.5W (min) 34.2W (max)\*
- DC: 24V +/- 25% 50W (min)

#### Power Available for External Equipment

- DC: 24W (max) total
- 12.5V +/- 10% @ 2A

#### Battery

- Type: Lead-acid
- Voltage: 12V
- Capacity: 7Ah (recommended)
- Note: battery charge times will be extended when using a larger capacity battery. Battery connection incorporates reverse polarity protection.

#### Outputs

- 0.2A at 13.8V for charging backup battery, 12.5V on PoE+\*
- 50mA @ 12.5VDC +/- 10% power for each sensor (8 total)

#### Fuse

- F1 = 3A

## ADDITIONAL FEATURES

Micro SDHC card support

USB 2.0 interface

128 bit encryption

FIPS 201 compliant

Two RS232 serial ports

Two RS485 serial ports

Dual gigabit ethernet ports, one with PoE+\*

Expansion modules: I/O, 202 modem, Arcnet, Z-Wave

Optional cellular modem

CAN BUS

\* requires PoE+ build option

## CONTACT

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