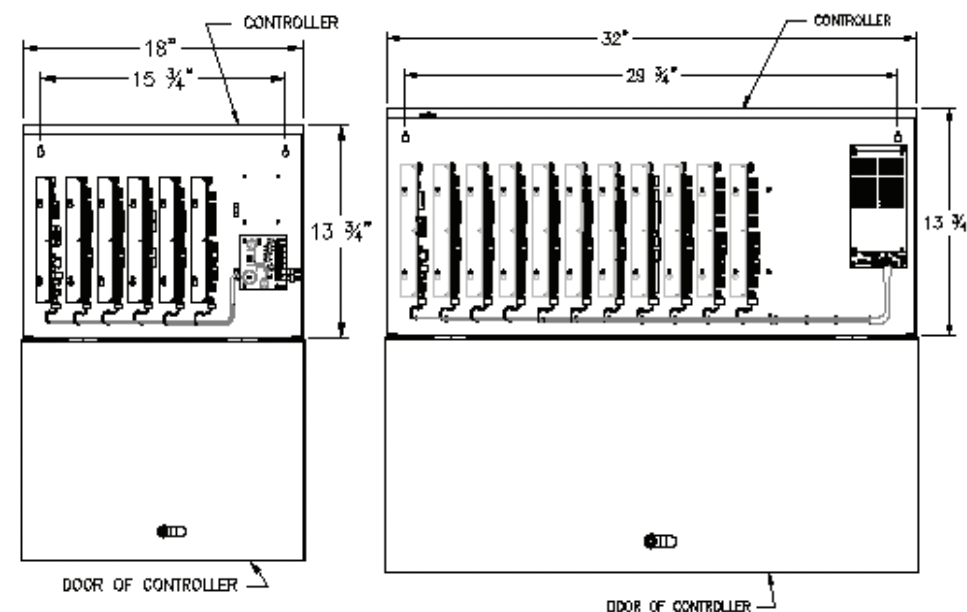


## SPECIFICATIONS

- ▶ **Input Power**  
12 VDC at 2 amps
- ▶ **Relay Outputs**  
Form-C contacts 24 VAC,  
1.5 amps max
- ▶ **Temperature Range**  
-10°C to +60°C,  
non-condensing
- ▶ **Communications**  
TCP/IP
- ▶ **Connections**  
Two-part connectors  
and standard DB type  
connectors
- ▶ **Enclosure**  
Hinged electrical cabinet with lock  
(18" x 4" x 6.25")  
(32 1/8" x 14" x 6.25")



## FEATURES

**600 - 2 Doors Per Board**  
**Up to 16 Doors Per Controller**

- ▶ Supports all card technologies, including readers that support HSPD-12 for FIPS 201 compliancy
- ▶ Supports biometrics
- ▶ Supports SMART cards
- ▶ 50,000 card/user capacity per cluster
- ▶ 10,000 event buffer control unit
- ▶ 1500 access groups/levels per cluster
- ▶ 254 time schedules
- ▶ 256 IO/Groups
- ▶ Distributed network
- ▶ Programmable duress
- ▶ Scheduled lock/unlock
- ▶ Programmable temporary cards
- ▶ Unlimited holidays/special days
- ▶ Two-man access rule

### System Wide

- ▶ Anti-Passback
- ▶ Door interlocking/mantrap



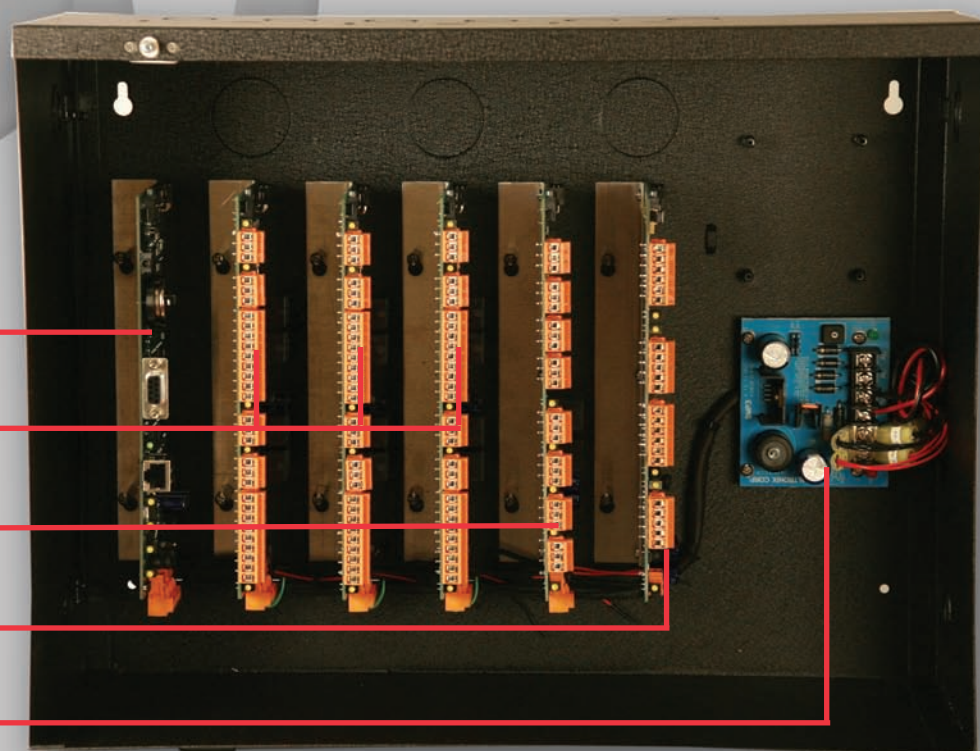
3 North Main Street, P.O. Box 158, Walkersville, MD 21793-0158 USA  
Phone 301-845-6600 / FAX 301-898-3331 / Email: [4info@galaxysys.com](mailto:4info@galaxysys.com)  
[www.galaxysys.com](http://www.galaxysys.com)



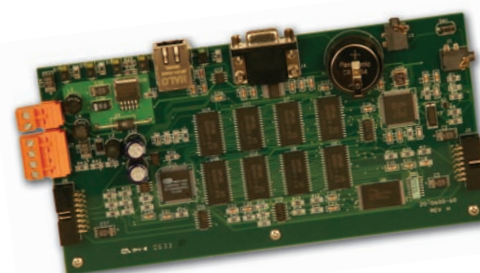
YOUR ACCESS TO INTEGRATED SECURITY SOLUTIONS

# 600

- Central Processing Unit
- Dual Port Interface
- Digital Input/Output
- Dual Serial Interface
- Power Supply



## Components:



The 600 **Central Processing Unit (CPU)** is responsible for managing the Access Control Rules & Data for the peripheral devices (doors, readers, inputs and outputs, etc.) and communicating with the Event Server and Loop Communication Server (LCS). The CPU receives and processes data from the LCS. The CPU also process data from DPI and DIO boards (such as card/PIN codes, door sensors, exit request, alarm conditions, etc.). The CPU board holds all of the system programming (cards, access privileges, schedules, etc.).

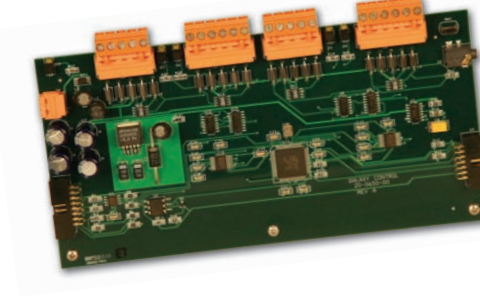


One **Dual Port Interface (DPI)** board supports two reader ports on the Galaxy 600 control panels. It provides two relays for each port and supervision of door contacts. It also provides exceptional surge protection to guard against damage from electrical spikes, and is easily replaced by simply "hot swapping" a new DPI while power is still applied to the controller.



The **Digital Input/Output (DIO)** board controls input and output devices. The 600 Digital I/O board provides Input Supervision and introduces a new feature called Hypervision.

Hypervision is a new on-board feature that provides an added layer of security by protecting supervised inputs from being defeated. Hypervision uses alternating voltages and additional thresholds for the supervised input. The board reports the appropriate event (alarm, trouble, or safe).



The **Dual Serial Interface (DSI)** board allows Galaxy to interface with third party vendors using RS-232 or RS-485 connection. There are two RS-232 channels and two RS-485 channels on a board.

## Model 600 Access Control Panel

The Model 600 Access Control Panel is the most flexible, dependable integrated access control solution available.

Operating with System Galaxy's state-of-the-art software, the Model 600 can interface with CCTV, DVR, Galaxy's video verification, building controls, biometrics, time & attendance, and visitor registration.

Modular design allows for easy expansion. Up to sixteen door controllers can be linked via IP to create a large or small system configuration with unlimited doors.

Up to 50,000 users per cluster, 254 user-definable time schedules, 1500 access groups, 10,000 event log buffer, and native TCP/IP.

### Features:

- Expandable Modular Design
- Dependable, Built-in Surge Protection
- Supervised Communication
- Real-time, On-site, or Remote Operation
- Protects Personnel, Visitors, Buildings, Equipment, and Other Assets
- Biometric Readers

- Remote Output Control
- User-selected LED Behavior (Reader)
- Alarm Priority Levels
- Input/Output Linking
- Supports All Reader Technologies and HSPD-12 for FIPS-201

## Benefits

### INTEGRATION OF:

- ACCESS CONTROL
- ALARM MONITORING
- CCTV/DVR
- VIDEO IMAGING & BADGING
- VIDEO VERIFICATION
- FACILITIES MANAGEMENT
- GUARD TOUR
- TIME AND ATTENDANCE
- VISITOR MANAGEMENT

