

Layout of External I/O Board



Door Strike 1 = For connection to EM lock.

Door Strike 2 = For other usage i.e External Buzzer/ External LED.

Door Senses = Sensor for detecting of door being left open.

Door Switches = Door strike will be activated once door switch is a closed circuit.

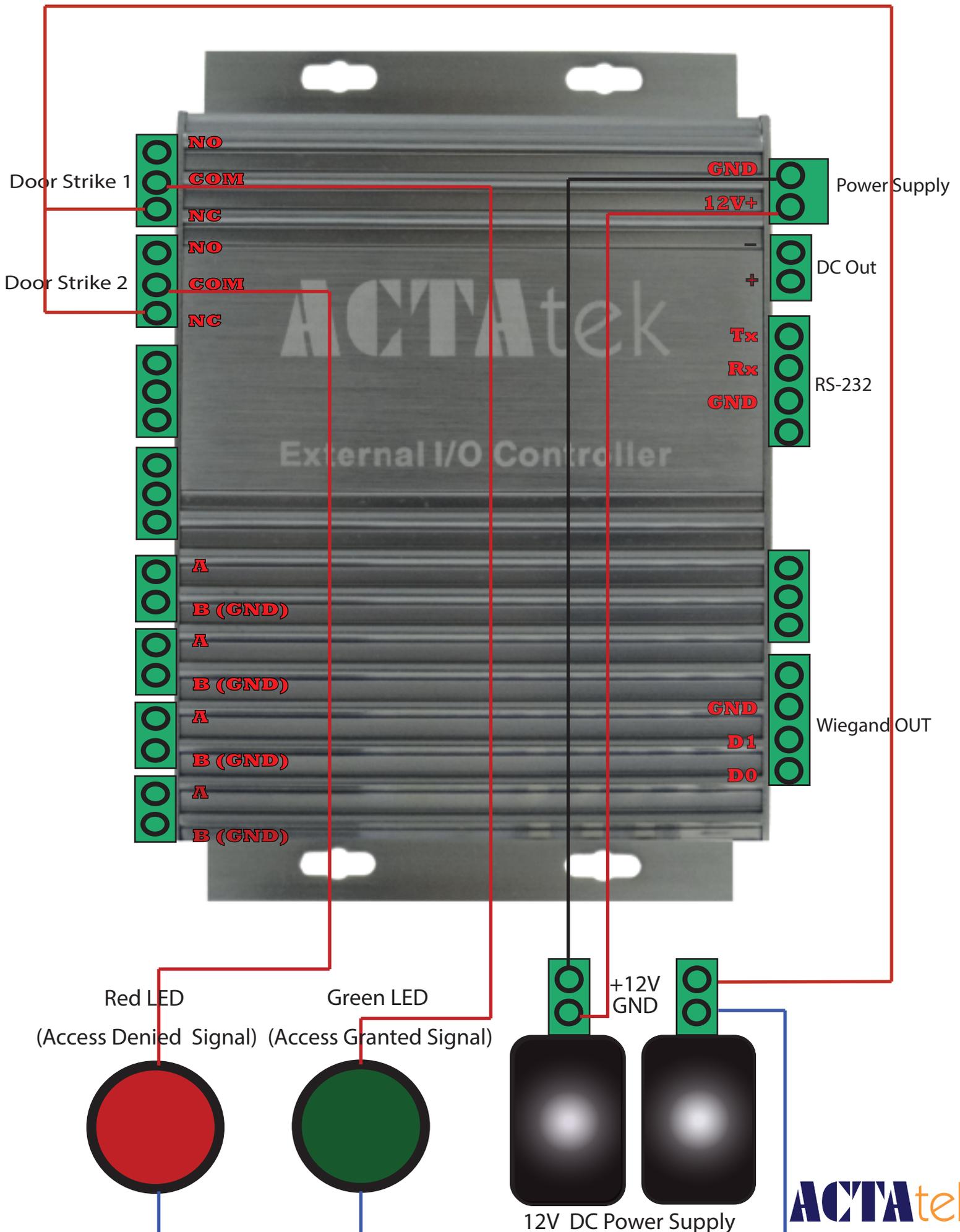
Power Supply = For connection to DC 12V power supply.

DC Out = To power up ACTAtek 3 unit (optional).

RS232 = For connection to ACTAtek 3 unit.

Wiegand Out = For wiegand output (26bit) interface.

External I/O Controller with large LED wiring Diagram



External Devices

If ACTA3 was connected to the external I/O board, you can see the connection status at external devices page.

(Note: Starting from Firmware 1305,ACTA3 device will automatically detect the external I/O board once powered on and connected.)

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Terminal

- Log Off
- Terminal Status
- Add Record

User Administration

- Attendance Report
- Daily Report
- View Event Log
- Add Event Log
- View User List
- Add New User
- Departments
- User Messages
- Admin Setting

Access Control

- Access Groups
- Triggers
- Holidays Setting

Terminal Settings

- Terminal Setup
- Authentication/Log Setup
- Terminal List
- Access Client Setup
- Door Open Schedule
- Bell Schedule
- Connection Profile
- **Terminal Clock**
- External Devices
- DDNS

Terminal

- Cloud Storage Service
- SMS Service
- Alert Log

External Devices

Add New External Reader

External Reader Interface

RS485 ▼

Reader Type	Reader Address	Reader Description	Trigger	Ignore
Mifare ▼	1 ▼		IN ▼	

Add

External Reader List

<input type="checkbox"/>	Reader Type	Reader Address	Trigger	Ignore Quick Access
Select All Deselect All				

Total 0 Readers

Delete Clear

External Secured Relay List

Relay Address
1

Total 1 Relays

External IO Board

[External I/O Board registered. Local device's relays disabled.]

Refresh

External I/O successfully connected with ACTA3 Unit.

Terminal Setup

Door Strike2 is required to connect to external I/O board and it should be assing on Access Denied mode to trigger the RED LED during access denied as bellow.

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- View Event Log
- Add Event Log
- View User List
- Add New User
- Departments
- User Messages
- Admin Setting

Access Control

- Access Groups
- Triggers
- Holidays Setting

Terminal Settings

- Terminal Setup**
- Authentication/ Log Setup
- Terminal List
- Access Client Setup
- Door Open Schedule
- Bell Schedule
- Connection Profile
- Terminal Clock
- External Devices
- DDNS

Terminal

- Cloud Storage Service
- SMS Service
- Alert Log
- Syslog
- Firmware Upgrade
- Download Report
- Capture Fingerprint
- Remote Door Open
- Reboot

Support

- Register

Console Clock Format 12 hours 24 hours

Wiegand Configuration

Wiegand Type: 26-bit

Access Method: Finger Print, Password, Smart Card

Wiegand Output Format: User ID + Facility Code (EP + 8-bit FC + 16-bit UID + OP)

User Facility Code (FC): 1 (1 - 255)

Miscellaneous

Terminal Mode: Stand Alone Access Manager

Job Code: Disable Enable

Door SW Mode: Door Switch Door Sense

Door Strike 1 Option: Disable Access Granted Emergency Mode
Relay Delay: 8 sec (1-90)

Door Strike 2 Option: Disable Door Strike 1 Clone Access Denied Bell Schedule Alarm (Door Strike 2) When Door Opening Time Is Exceeded 30sec
Relay Delay: 8 sec (1-90)
Note: Setting should not be changed while in operation

Network Camera: IP Address: [] Port: 80
Manufacturer: Axis Model: Axis 2100

Language: English

Webserver Port: 80 (80, 1024 - 65535)

Allowed IP: Disable Enable * [] (e.g. 192.168.1.*)

2-digit Duress Code: []

SMTP Server: []

Schedule reset: 2 : 38

Access Denied option should be enable for door strike 2 option to Triggered when denied message.