

## Gate ~ FMCU ~ management dashboard/en

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### Connectivity Board

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Contact	Modbus Value /Flag	Type	Impulse	Description
<b>A8</b>	0x47	Output	Yes (200ms)	Person has entered
<b>A9</b>	0x48	Output	No	Alarms*
<b>E3</b>	0x004	Input	No	Fire Alarm
<b>E4</b>	0x008	Input	No	Emergency State button**
<b>E6</b>	0x020	Input	Yes (200ms)	Card is valid, open the gate
<b>E7</b>	0x040	Input	Yes (200ms)	Card is invalid, do not open the gate

\*A9 Alarms:

- Gate is out of order, when a mandatory device is broken or a connection to the server is broken (if the server is used in the solution).
- Tailgating or other unwanted actions.
- Entry barcode scanner is broken or it is a stub.
- Gate in in the **Fire Alarm** or **Emergency** state. The alarm is produces as a repetitive pulse signal (700ms).
- Gate is open only for exit.

After the Emergency State button pressed, the gate switches to the Emergency State. Then only exit from this state is to restart the gate.

The signal can be set/received to/from a contact from any of the halves of the gate.

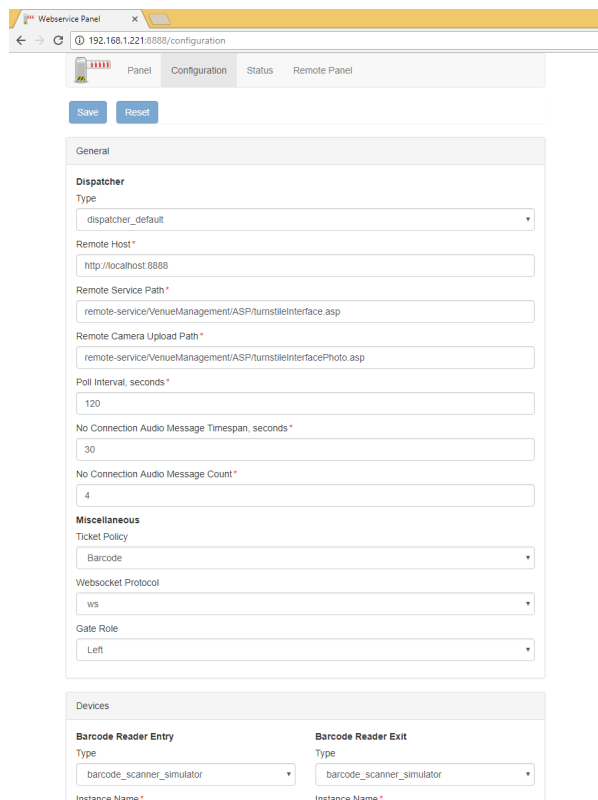
## Configuration Management

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### User Interface

The Galaxy Gate is configured through the **/configuration** page. If the server is running at 192.168.1.221 and port is 8888, the url is:

```
http://192.168.1.221/configuration
```



There are two buttons on the page:

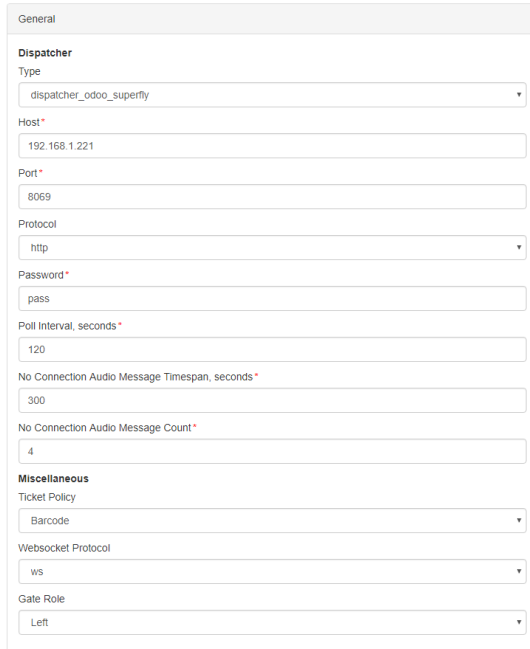
Name	Description	Action
<b>Save</b>	Saves the modified configuration to the server	Post
<b>Reset</b>	Discards any changes by reloading the configuration from the server	Get

The configuration is split into sections and subsections:

- General
  - Dispatcher
  - Miscellaneous
- Devices
  - Barcode Reader Entry
  - Barcode Reader Exit
  - Gate
  - Tracking Camera
  - Audio Player
  - Camera
- Displays
  - Display Gate Entry
  - Display Gate Exit
  - Display Entry

- Display Exit
- Display TimelInfo

Here are some screenshots:



General

**Dispatcher**

Type  
dispatcher\_odoo\_superfly

Host\*  
192.168.1.221

Port\*  
8069

Protocol  
http

Password\*  
pass

Poll Interval, seconds\*  
120

No Connection Audio Message Timespan, seconds\*  
300

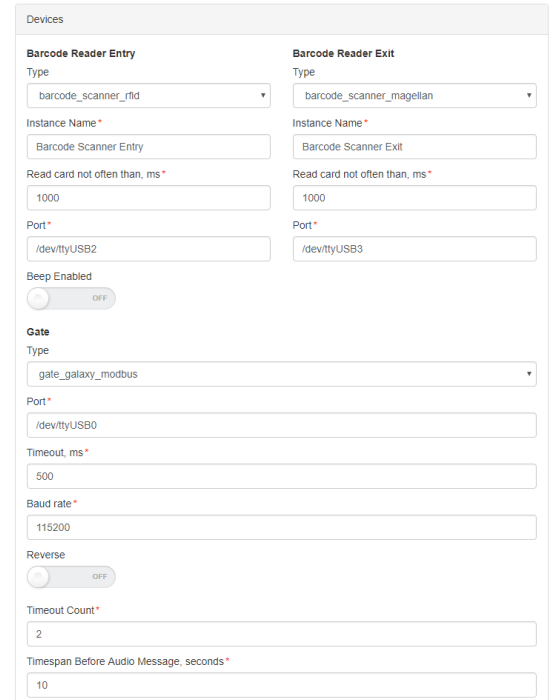
No Connection Audio Message Count\*  
4

**Miscellaneous**

Ticket Policy  
Barcode

Websocket Protocol  
ws

Gate Role  
Left



Devices

Barcode Reader Entry	Barcode Reader Exit
Type barcode_scanner_rfid	Type barcode_scanner_magellan
Instance Name* Barcode Scanner Entry	Instance Name* Barcode Scanner Exit
Read card not often than, ms* 1000	Read card not often than, ms* 1000
Port* /dev/ttyUSB2	Port* /dev/ttyUSB3
Beep Enabled <input type="checkbox"/>	
<b>Gate</b>	
Type gate_galaxy_modbus	
Port* /dev/ttyUSB0	
Timeout, ms* 500	
Baud rate* 115200	
Reverse <input type="checkbox"/>	
Timeout Count* 2	
Timespan Before Audio Message, seconds* 10	