Model: **AGSPARKSAFE** Technical Specification Sheet

## AGS ParkSafe Control Panel



Gas Detection & Ventilation Control System for Enclosed Garages & Car Parking Facilities



#### **Key Features**

- Ability to identify up to 16 individual gas detector gas levels and in which monitoring zone the detector is located.
- Built-in connectivity to existing BAS & MODBUS compatibility.
- 0-10VDC output to variable fan speed drives.
- Designed for use with the AGS ParkSafe Nitrogen and Carbon Monoxide detectors.
- Touchscreen TFT for controller setup, system status displays of gas levels & outputs.
- Pre-Alarm & Alarm configuration outputs.
- Meets IMC 2018 requirements for parking garages
- Covered by American Gas Safety 3 year warranty



#### **Detector Screen Page Overview**

Switch between pages by touching the relevant page button. Each page can display up to 4 detectors as follows:

- a. ID The detector identification number (configured via dip switches on the detector circuit board).
- **b.** <u>Serial Number</u> The unique serial number for that detector.
- <u>Gas</u> The target gas that the detector is monitoring.
  <u>Status</u>
- <u>status</u> The status of gas levels, errors and messages.
- e. <u>Value</u> The concentration value of gas detected.

**Gas Level Thresholds** 

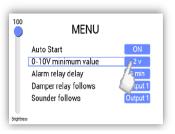


#### Engineer/User Configuration Setup Screen Page

<u>Adjust the screen brightness.</u> (Press or slide the cursor up and down)



<u>Change/select option.</u> (Press the blue option box or press and hold)



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		Low Speed Fan	High Speed Fan
Gas Type	GOOD Level	PRE-ALARM Level	ALARM Level
Carbon Monoxide (CO)	0 - 25 ppm	25 - 100 ppm	+ 100 ppm
Nitrogen Dioxide (NO2)	0 - 0.7 ppm	0.7 - 2 ppm	+ 2 ppm

#### **Gas Safety Systems**

#### **Utility Control**

American Gas Safety, LLC. 4500 140<sup>th</sup> Ave N. Suite 101. Clearwater, FL 33672 T.(727) 608-4375 F.(727) 538-4237 www.americangassafety.com

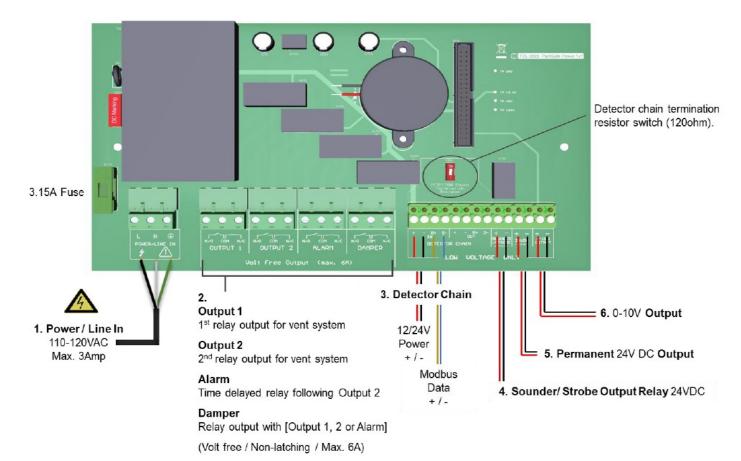
### AGS ParkSafe Control Panel



#### Specification

Display	4.3" Touch Screen TFT	
Power Input Voltage	100-120V AC	
Current Consumption	48W max (fully loaded)	
Internal Fuse	3.15A	
Operating Temperature	32-122°F 30-85%RH Non-Condensing	
Audible Alarm Buzzer dB	65 dB (300mm distance in quiet conditions)	
Maximum Gas Detectors	16	
Gas Detector Wiring Length	500 Yards	
Housing Material	Polylac PA-765	
Flame Rating	UL 94	
Approvals	CE, RoHS	
Dimensions (H x W x D) inch	8.08 x 10 x 3.03"	

#### **PCB Board Overview**



# Gas Safety Systems Utility Control American Gas Safety, LLC. 4500 140<sup>th</sup> Ave N. Suite 101. Clearwater, FL 33672 T.(727) 608-4375 F.(727) 538-4237 www.americangassafety.com