

# ASAS

## APPLIED SENSOR ASSISTANCE SYSTEM

Compact differential-pressure monitoring with alarm handling, on-device touchscreen control, and Modbus TCP/RTU integration.



±500 Pa  
DUAL DP

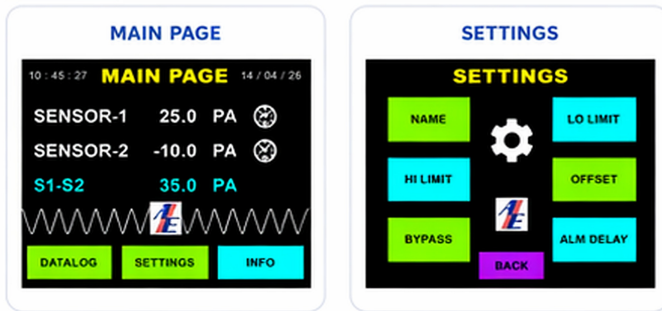
Modbus  
TCP/RTU

Alarm Relay  
+ Buzzer

### KEY FEATURES

- Dual differential pressure sensor inputs (±500 Pa each)
- RS-485 2-wire interface for multi module link (up to 4 units)
- Modbus TCP output for system integration
- Built in alarm buzzer and relay output (NO/NC)
- 2.8" TFT RGB 65K resistive touchscreen (320×240)

### ON-DEVICE INTERFACE

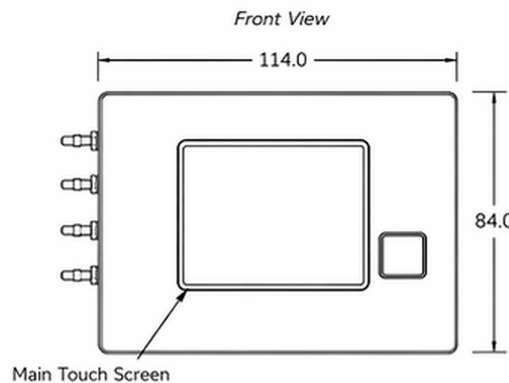
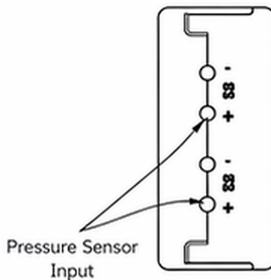


### TECHNICAL SNAPSHOT

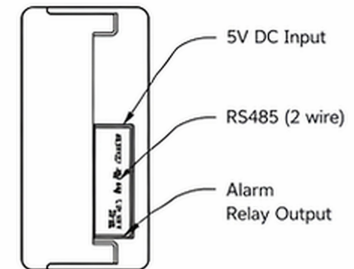
Power	USB-C or 5VDC input
Display	2.8" TFT RGB 65K, 320×240, resistive touch
Alarm indicators	buzzer, relay output (NO/NC) 250VAC 1A
Differential pressure sensors	±500 Pa × 2
Comms	RS-485 2-wire multi-module link; Modbus TCP output
Registers	HR1 = DP Sensor 1 Value; HR2 = DP Sensor 2 Value; HR3 = active alarm flag
Configurables	sensor name, sensor low limit, sensor high limit, sensor offset, sensor alarm delay, sensor enable/disable
Alarm logging	10 alarm history entries with date/time

### MECHANICAL LAYOUT

Front, side, and bottom views with port locations.



Right View



DIMENSION  
114 × 84 × 37 mm  
(W × H × D)

