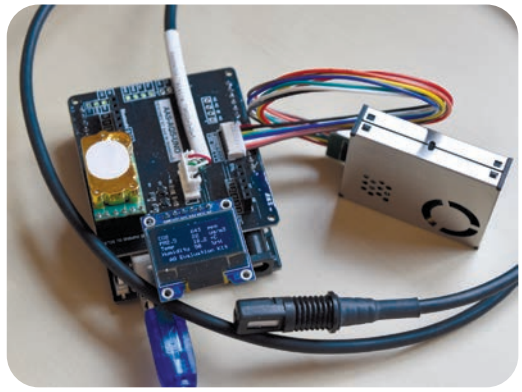
TELAIRE®

AAS-LDS-UNO

PM2.5 Air Quality Evaluation Board



Telaire AAS-LDS-UNO Evaluation Board is used to evaluate Telaire Air Quality Sensors, including SM-UART-04L PM2.5 Laser Dust Sensor, T9602 Temperature & Humidity Sensors, T6713 Carbon Dioxide (CO_2) Sensor, and other sensors from the Amphenol range. In addition, the OLED display can be supported at the same time. This evaluation board is designed to speed up evaluation and development of relevant sensors. The serial output can be configured to send sensor data to a PC over USB connection for recording and analysis in third party software.

Applications

- Rapid development of air quality sensor acquisition systems



Features

- Arduino development platform, open source code
- Supplied with SM-UART-04L PM2.5 Laser Dust Sensor
- Reserved T6713 Carbon Dioxide (CO_2) Sensor Interface
- Reserved T9602 Temperature & Humidity Sensor Interface
- Supports 128 x 64 OLED Display Screen
- External USB Power Supply
- Sample code available on www.Github.com

Amphenol

Advanced Sensors

Telaire AAS-LDS-UNO - Specifications

Parameter	Rated Value
DC Power Supply Voltage	5V DC
DC Power Supply Current	1A
Operating Temperature Range	0°F~60°F
Operating Humidity Range	0~95%RH
Output Level	L<0.8@3.3V, H>2.7@3.3V
Dimensions	72mm x 56mm
Support Interface	T9602: Output T6713: UART Output SM-UART-04L: UART Output

AAS-LDS-UNO Evaluation Kit Includes:

- 1 Arduino Compatible Board with Preloaded Software
- 1 Sensor Evaluation Shield
- 1 USB Data Cable
- 1 OLED Display Screen
- 1 SM-UART-04L Laser Dust Sensor

AAS-LDS-UNO-RH-CO2 Kit Includes:

- AAS-LDS-UNO (detailed above)
- 1 T9602-3-D-1 Temperature & Humidity Sensor
- 1 T6713-6H CO_2 Sensor Module

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www.telaire.com

www.amphenol-sensors.com

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