



Telaire Laser Dust Sensor In Stock at CDI

Telaire, a division of Amphenol Advanced Sensors, offers the [SM-UART-04L](#), a PM2.5 laser-based Particulate Dust Sensor that detects dust particle concentration in air by using an optical sensing method.

A laser light emitting diode (laser LED) and a photo sensor are optically arranged in the device. The photo sensor detects the reflected laser LED light by dust particles in air. The dust sensor can detect small particles from large house dust, by the pulse pattern of the signal output.



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Description

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Features Include:

- Laser Optical Dust Sensing with high Accuracy and Fast Response
- PM2.5 Output
- PM10 Calculated Output
- UART Series Digital Output
- Company Size
- Flexible Mounting Style
- Wide Detection Range

Request a Quote

CDI works continuously with our vendor partners to connect our customers to products and solutions that accelerate their time to market. CDI will leverage its product knowledge, technical expertise, and evaluation tools to find the right solution for your design.

For more information, or to learn how we can help drive your success, please visit www.cdiweb.com or email us at sales@cdiweb.com.

[About Telaire a Division of Amphenol Advanced Sensors](#)

Telaire is the world's first and leading manufacturer of low cost NDIR Carbon Dioxide (CO2) Sensors. Telaire has over 30 awarded patents in CO2 sensing, including the original automatic calibration algorithm – ABC Logic. Telaire products are used in commercial and residential building ventilation applications, consumer air quality devices for the home, and controlling air quality conditions in automobiles.

About Component Distributors, Inc. (CDI)

Component Distributors, Inc. (CDI) is a value-added distributor of high-performance LED, Power, RF & Microwave, Wireless and Sensor component technologies. CDI distributes globally and provides local application support and customer service across the Americas. CDI delivers cutting edge power electronics by wrapping application support, development tools and design services around high-performance products from industry leading manufacturers.

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Category

1. Ewave
2. Sensors and Wireless
3. Telaire/Amphenol

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