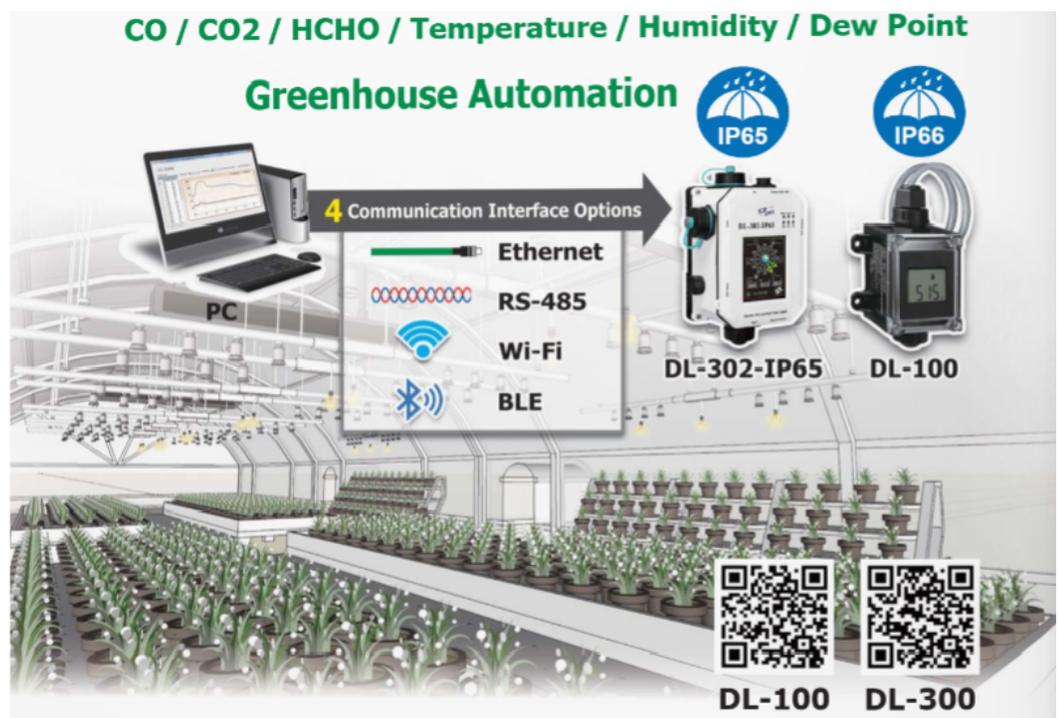


## Smart Environment Monitoring System: Green House Automation

A simple solution to grow plants all year is by housing plants in a greenhouse, where its temperature, soil moisture, light, humidity, air (Oxygen, Carbon Dioxide and Nitrogen) are controlled. By using ICP DAS USA's DL series, the user can easily monitor all these factors allowing in increase plant growth and reproduction.

ICP DAS USA's DL Series are Data Logger devices that provide RS-485, Ethernet/PoE, USB, WiFi and BLE communication interface for smart environmental monitoring. The DL-300 series is equipped to record CO, CO<sub>2</sub>, HCHO, Temperature, humidity and Dew Point information, including date and time stamps, and are able to store up to 450,000 downloadable records. Real-time data can be accessed from the DL-300 Data Logger from anywhere and at any time using the free Windows software, the iOS App or the Android App, as long as they are connected to the same local network as the Data Logger.



ICP DAS USA's DL-100 series are also a temperature and humidity data logger module. It contains an RS-485, Ethernet PoE or USB communication interface and an LCD display to show a variety for temperature, humidity and module ID data. The data storage memory can store up to 4088 temperature and humidity records.

A free Utility is included to allow configuration and display of data in a powerful chart format that can export to Excel. The Sensing Solutions suitable for the villa, public area, commercial space, green building, smart buildings, etc.

The IP65 version of the DL series is designed for industrial application in harsh environments that provides IP65 grade protection approval. The rugged RJ-45 ensures tight, robust connections and guarantees reliable operation, even for application that is subject to high vibration and shock.

To learn more about ICP DAS USA's touch screen controllers, visit [www.icpdas-usa.com](http://www.icpdas-usa.com) to read free application stories, watch free training videos, and view previous other press releases. You can also give us a call at 1-888-517-9888 or email us at [sales@icpdas-usa.com](mailto:sales@icpdas-usa.com) (or [tech@icpdasusa.com](mailto:tech@icpdasusa.com) for tech support).