

D-TECH PRO

info@d-techpro.co.uk

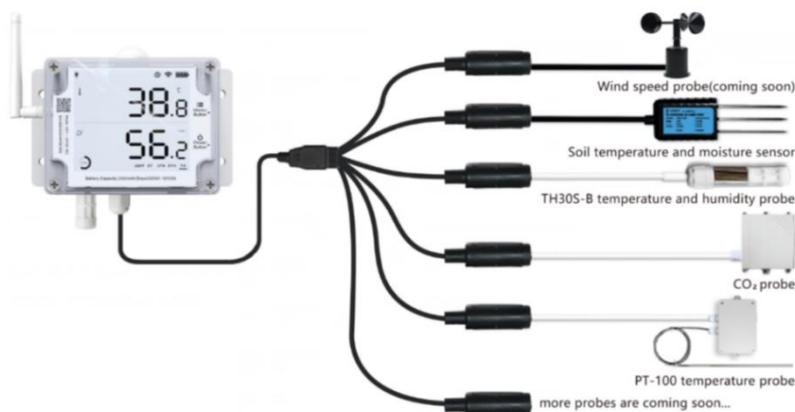
+ 44 (0) 1243 933 611

Industrial Specification Cloud Dataloggers



Industrial grade environmental sensing and logging solutions. These instruments connect to the internet via wi-fi, Ethernet or mobile phone network and send their data directly to the user-friendly cloud-based software for viewing on any internet enabled device, ie computer, laptop, phone etc.

Several models and sensor / probe solutions are available depending on your requirements and installation. All models have built in temperature and humidity sensors. Lux light levels are available on most models and many plug-in sensors are available. GPS Positioning logging is also an option for tracking the logger's position. IP65 protection on most models. A specific model is available for Aquaponics farming and measures PH, EC and temperature.



The instruments have an integral lithium rechargeable battery to enable them to work without power for a period of time depending on model and logging interval. And this allows data to be continuously gathered in case of a power failure. Can be Powered via USB, DC voltage input or optional Solar panel for outdoor use.

The unique feature of these loggers is that they continue to store data when not connected to network and then they automatically re-sync all data when re-connected to the network. Large onboard memory, 300,000 sensing points can be logged when offline.

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Registered Office: 4 Station Road, Ford, Arundel, West Sussex. BN18 0BJ. UK.

They can be connected to your local wifi network or option of Ethernet direct connection and the mobile phone network when using the SIM card enabled instruments. We also provide standalone wifi hubs that use the mobile phone network to transmit the data to the cloud and by-pass any IT involvement. We can supply SIM cards or you can use your preferred service provider.



The Cloud software starts with free packages that can store up to three years of data at 30 minute logging intervals. Export the data to CSV or PDF. Email and phone app alerts if user defined alarm limits have been exceeded and if the logger goes offline. Text message notification is also an option if required.

Specifications

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| <p>Length: 59.8" (152mm) Height: 35.4" (90mm) Width: 21.6" (55mm) Weight: 479g ± 3g Screen: 4" LCD with backlight Sensing Range: Temperature -4°F to 140°F (-20°C to 60°C), Humidity 10% to 90% Accuracy: temperature: ±0.3°C, humidity: ±3% RH, ambient light: ±2%[Ⓜ] GSM Band*: 900/1800MHz 3G Band*: CDMA(BC0) LTE Band*: LTE FDD (B1/B3/B5/B8);LTE TDD(B34/B38/B39/B40 /B41);WCDMA (B1/B8);TD-SCDMA (B34/B39)</p> | <p>Power Source: built-in lithium batteries or Type-C, DC (5V-12V) Battery Life: depends on specific model[Ⓜ] Compatibility: iOS 11+, Android 8.1+, or Windows 7+, or OS X v10.8+ On-board Memory: 300,000 sensing records Ports: 1 x RS485* Network: supports WiFi, GPRS / 3G / 4G, RJ45 Ethernet cable* WiFi Channel Width: supports 20MHz or "Auto" setting WiFi Security: supports OPEN, WEP, or WPA/WPA2 types, WPA2-Enterprise (802.1x/RADIUS authentication) network is not supported. WiFi: requires 2.4GHz (802.11 b/g/n), channels 1-13 network (5GHz WiFi is NOT supported)</p> |
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Please contact us for more information and quotation for your specific needs.