

Versid HT-11u Temperature Acquisition Module for Computers with USB Host Interfaces

Features of the HT-11u

- Self-contained, sealed design is lightweight, easily installed and perfect for rugged environments.
- Laboratory grade, Type K thermocouple accuracy with time and date stamping for your most demanding applications.
- Powered by the USB port, the Versid HT-11u requires no batteries, its low power design has almost no effect on host battery life.
- Use it with any scriptable or programmable application that can interface with ActiveX controls, or develop your custom application.
- Royalty free developers kit allows easy creation of custom applications.



Plug and Play Compatibility with USB Equipped Computers makes the Versid HT-11u the Most Direct Path to Automated Temperature Input.

The Versid HT-11u temperature acquisition module is designed specifically to connect reliably and easily to computers with available USB host interfaces to create a secure, rugged means to provide automated temperature input.

State of the art electronics that require no batteries of its own, the Versid HT-11u is built right into a compact molded handle ergonomically designed for easy use. The sealed design provides excellent resistance to even the most rugged environments. The standard USB plug makes it compatible with a wide range of Windows OS computers, including notebooks, desktops, and tablet PC's for the ultimate in mobile data collection. USB 1.0 through USB 2.0 are supported.



Versid HT-11u temperature acquisition module shown attached via USB to a Windows Table PC. The HT-11u can provide automated temperature input for software that can access ActiveX controls, as is the case for the Microsoft Excel spreadsheet shown here. The Versid developer's kit provides examples for your own projects.

The combination of automated temperature input and today's powerful mobile computers creates a data collection option featuring outstanding temperature accuracy and capable running sophisticated software designed for rapid data collection and on the spot feedback.

Versid HT-11u Temperature Acquisition Module

The HT-11u can sense temperatures across a range of -200°F to $+600^{\circ}\text{F}$, it features a permanently mounted Type K insertion style probe applicable to a wide range of temperature sensing probe. Other probes styles can be supplied by custom order.

Versid's royalty free developer's kit allows programmers to quickly create applications that take advantage of fast temperature input, time and date stamping, automatic verification against industry or custom standards, task specific interfaces, and collection of data in addition to temperature to provide a complete suite of capabilities no ordinary digital thermometer can match. Web compatible interfaces allow temperatures to be input directly into web pages using simple JavaScript commands to create enterprise wide, server based applications.

Typical Applications for the Versid HT-11u Temperature Acquisition Module

The combination of a Windows based, USB equipped computer and Versid temperature acquisition module creates a powerful unified device which allows users to collect temperature data in more sophisticated ways than ever before. Applications include the following examples, among many others:

- **Food Service and Processing**

Collect industry standard HACCP (hazard analysis and critical control point) data for cooking, cooling, serving, and holding operations using your own menus along with up-to-date HACCP standards.

- **Industrial Processing**

Replace expensive, limited digital thermometers with Versid systems capable of flexible temperature logging – over multiple data sets and using pre-programmed parameters. View your results as you collect your data without having to connect to a host PC and wait through lengthy data transfers. Create real time graphical results that allow you to quickly analyze and correct processes right where they occur.



The Versid HT-11u provides a powerful tool for automatic temperature input in a small package.

Get Started Today

The Versid HT-11u is compatible with notebook, tablet and desktop computers running Win 32 operating systems that provide access to ActiveX controls and have an available USB1.0-2.0 port. Software applications and custom development are available from Versid Inc. and third party developers. The Versid developer’s kit is available on a royalty free basis for users and developers.

Specifications		
Temperature Measurement Range: -200 °F to +600 °F (-129 °C to +316 °C)		
Accuracy: ± 0.9 °F (0.5 °C) + 0.1% of reading		
Operating Temperature Range: 32 °F to 122 °F (0 °C to 50 °C)		
Dimensions: tip length 4.75 in / tip diameter 1/8 in, reduced to 1/16 in at tip handle length 4.75 in / handle diameter approx. 1 in / cord length 36 in		
Input Channels / Thermocouples Supported	Power	Compatibility
One Channel Input Uses ungrounded K type insertion style thermocouple that is permanently affixed, other probes styles are available via custom order.	Powered from host computer via the USB port.	The Versid HT-11u can be used with any Windows OS based computer that supports USB 1.0-2.0 protocols. Software that can access ActiveX controls and is scriptable or programmable can read temperatures from the HT-11u, in addition users can create custom programming using the ActiveX control or the Versid code libraries. Contact Versid, Inc (support@versid.com) to determine if your device is compatible.