

## Versid BT-10r Temperature Acquisition Module for Bluetooth Enabled Computers

### Features of the BT-10r

- Industry standard Bluetooth wireless connectivity supports wide range of hand held, mobile and desktop computers.
- Automated input of laboratory grade accurate temperatures with time and date stamping.
- Rugged design moves sophisticated data collection to the kitchen, processing floor, and service areas with confidence.
- Belt clip case holds the temperature module securely, prevents accidental drops, protects from environment.
- Powered by convenient, long life rechargeable batteries / AC adapter. Can provide continuous, long term logging with AC adapter.
- Uses industry standard mini type plug that can accept a range of widely available, inexpensive type K thermocouple probes.
- Remote logging possible with up to 300ft (30m) Bluetooth range.
- Provides exceptional usability to collect more data and reduce user training.
- Available developers kit allows easy creation of custom applications.

### Convenient, flexible connectivity is just one outstanding feature of the Versid BT-10r Bluetooth enabled temperature module.

With its “out of the box” support for industry standard wireless connectivity using the Bluetooth serial profile, The Versid BT-10r can provide real time, laboratory grade accurate temperature readings to a wide range of hand held, mobile, tablet, and desktop computers. No special cables, extra ports, or complicated “backpacks” are needed, and the up to 300 ft (30m) range means remote measurements are just as simple.

Versid BT-10r uses the built-in capabilities of Bluetooth enabled computers to provide a complete range of functionality including discovery and passkey security while making connections easy and reliable. The combination of temperature input and a powerful Win 32 or Pocket PC computer creates a system featuring outstanding temperature accuracy capable running sophisticated software designed for rapid data collection and on the spot feedback. With complete wireless connectivity such systems can provide enterprise ready applications deployable in the harshest work environments.

### Versid BT-10r Temperature Acquisition Module

Designed for sensing temperatures across a range of  $-200^{\circ}\text{F}$  to  $+600^{\circ}\text{F}$ , the Versid BT-10r module supports widely available Type K thermocouples with standard mini-plug connectors.

Versid, Inc.’s available Pocket PC drivers allow 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 drivers allow temperatures to be input directly into web pages using simple JavaScript commands to create enterprise wide, server based applications.

Users can take advantage of a growing library of “off-the shelf” applications and custom applications to deploy the solution best suited to their needs.



## Typical Applications for the Versid BT-10r Temperature Acquisition Module

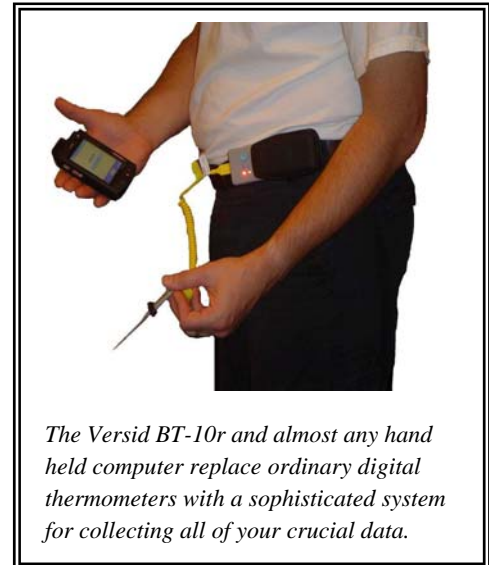
The combination of a hand held computer and Versid temperature acquisition module creates a powerful unified device which allows users to collect temperature data in more sophisticated ways than ever before. Applications include the following examples, among many others:

- **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. Create and maintain long term “electronic paper trails” covering multiple temperatures over days, or even months, to facilitate record keeping, quality assurance and regulatory compliance. Automatically determine out of compliance measurements to eliminate operator dependent judgment and error. Generate and schedule appropriate corrective actions and follow-ups. Collect multiple data types (operating conditions, taste tests, visual inspections, bar codes) to put all of your HACCP related functions into a single paperless system. Connect to PC’s, or to networks to synchronize your collected data with desktop and server based data management systems to create a truly integrated solution.

- **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. Collect data from multiple processes and over extended time periods without requiring a PC to harvest data after each log. Use real time and date stamps on all of your data for accurate historical analysis.



### Get Started Today

The Versid BT-10r is compatible with hand held, mobile, tablet and desktop computers running Pocket PC, Windows Mobile Edition, Win CE, and Win 32 operating systems. Support for Bluetooth wireless connectivity and the serial profile is required as well. Software applications and custom development are available from Versid, Inc and third party developers. The Versid developer’s kit is available 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:	5.5 x 2.0 x 0.75 in.	
Input Channels / Thermocouples Supported	Power	Compatibility
One Channel Input Uses ungrounded K type thermocouples using industry standard two prong flat-pin mini connectors.	Rechargeable / AC Adapter	Any Palm OS, Pocket PC, Windows Mobile, Win CE, Win 32, or Win XP computers with Bluetooth serial profile connectivity.  Contact Versid, Inc ( <a href="mailto:support@versid.com">support@versid.com</a> ) to determine if your device is compatible.