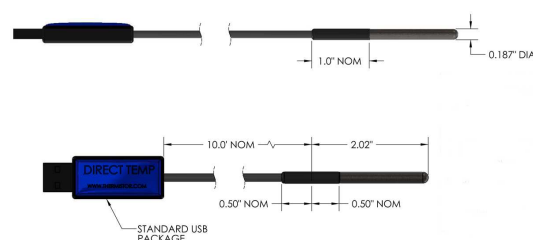# DTU6005

DIRECTEMP™

The DTU6005 DirecTemp™ USB thermometer is ideal for use as a general purpose probe. The probe is 0.187 inches by 2 inches and made from food grade stainless steel. 10 feet or 30 feet of durable PVC cable allow you to monitor and log temperature remotely. Other probe sizes available upon request.

ENGINEERING INFORMATION

- USB thermometer
- Data logging and alert notification software included
- Multiple sensors supported
- Fahrenheit, Celsius and Kelvin
- Use as a plug-and-play Windows device or with custom software
- NIST traceable certification available
- Able to be recalibrated by QTI
- RoHS compliant

TOLERANCES, POWER DRAW AND RESOLUTION

Available tolerances	Current draw	Resolution
+/- 0.5˚C (0˚C to 70˚C)	<100mA	0.01˚C
+/- 0.1˚C (0˚C to 100˚C)		
+/- 0.05˚C (0˚C to 70˚C)		

Warning: Do not use in human life support applications. This device is not designed nor intended to operate in situations where human injury will result in the event of a failure.

SOFTWARE CONFIGURATIONS

HID configuration (plug and play)
- Automatic driver installation in Microsoft Windows
- DirecTemp data logging software included for Windows
- Compatible with Windows 2000 and newer 32- and 64-bit systems

USB-Serial configuration (virtual com port for OEM and proprietary software applications)
- Virtual serial device
- Designed for integration with third party software
- Compatible with Windows, Linux and Mac OS
- Example software code for common programs available

QTI can customize this part for you. Contact us for available options.

MADE IN THE USA

QTI Sensing Solutions