

# DTU6035

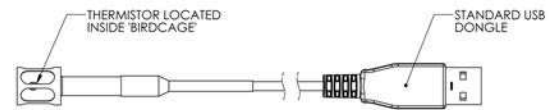


This sensor is ideal for measuring air temperature. The open-ended shape of the sensor helps to protect the sensing element while reducing thermal mass. QTI's micro thermistor can be used as the sensing element for even faster response times.



## 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



## 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.

2108 Century Way Boise, Idaho 83709 USA  
T: (208) 377-3373, 800-554-4784  
F: (208) 376-4754  
qtisales@thermistor.com  
www.thermistor.com

