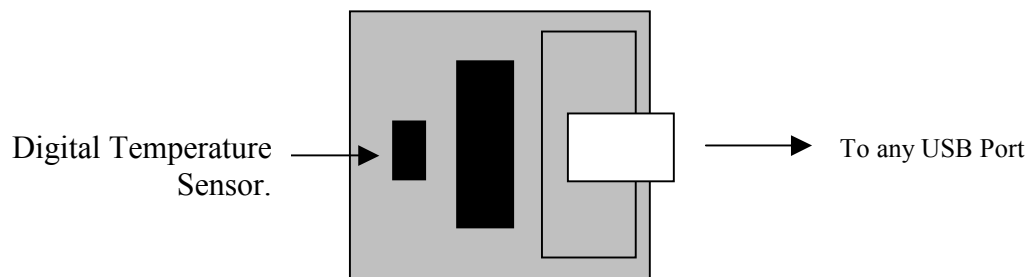


KMK USB Temperature Sensor

Introduction

KMK USB Temperature Sensor is a plug and play easy to use temperature sensor module for adding temperature sensor abilities to your projects. Easy to use OCX control allows reading temperature via any USB port with few lines of code. Multiple KMK USB Temperature Sensors can be used in one program and easy to operate together with other KMK USB controllers provides unlimited expansions to your projects. Driver and OCX control for writing programs with VB, C# and C++ are provided on the CD or can be downloaded from our web site (www.kmk.com.hk). Please check our web site for the most up to date software and drivers.



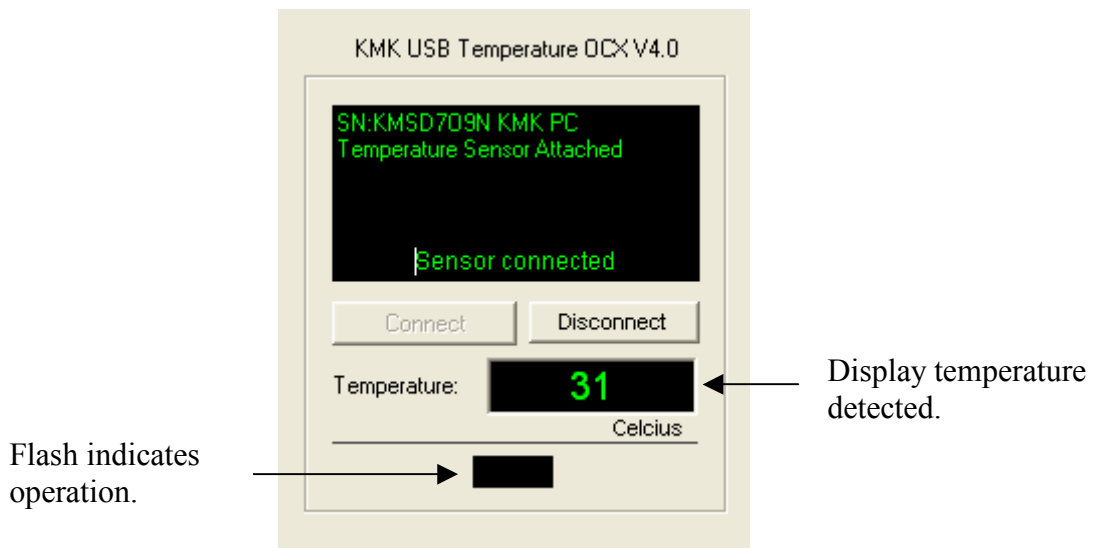
Operations

1. Plug the USB cable to the KMK USB Temperature Sensor.
2. Connect to any USB port of the PC.
3. On the right hand corner of Windows will display a message “KMK PC Temperature Sensor” and prompt for installing the driver¹.
4. Browse to the driver folder of the CD and click “OK” and the drivers will be installed automatically.
5. Install the KMK USB Temperature OCX provided on the CD (or download from www.kmk.com.hk).
6. Open Visual Basic and put the KMK USB Temperature OCX on the form.
7. Activate Code and the Serial number (Provided together with the hardware.) must be entered in order to operate the KMK USB Temperature OCX.

Note: Activate code is target to operate only with the KMK USB Temperature Sensor module comes along with it. The KMK USB Temperature Sensor cannot operate without activate code. Serial Number and Activate Code comes with the hardware.

¹ The driver can be cleaned with the FTCClean program provided on the CD.

The following image illustrates the functions of the OCX Control.



KMK USB Temperature OCX Commands and properties (Visual Basic 2005)

AxKMKTempOCX1.SerialNumber= KMXXXXXX	Enter the Serial Number
AxKMKTempOCX1.ActivateCode=XXXX	Enter the Activate Code
AxKMKTempOCX1.Port_Open_Close	1 = open port 0 = close port
Text1.text = AxKMKTempOCX1.Status	Showing the Connection Status.
A = AxKMKTempOCX1.Temperature	Display the temperature.
AxKMKTempOCX1.Waitms (1000)	Delay for 1 sec.

Note:

- For writing code, the serial number and the activate code of the controller should be assigned with AxKMKTempOCX1.Serial = KMXXXXX
AxKMKTempOCX1.ActivateCode respectively before opening the port.
- Note that the serial number is case sensitive.
- The first ocx should be named 'AxKMKTempOCX1' and the second ocx should be 'AxKMKTempOCX2' and so on.