

# Declaration of Conformity

Part #: 1066-0740 Rev 07-09


**Manufacturer's Name:** IOtech  
**Manufacturer's Address:** 25971 Cannon Road  
Cleveland, Ohio 44146 U.S.A.

**Declares that the product:**  
**Product Name:** WBK40, WBK41  
**Description:** WBK40: Thermocouple Input Module  
WBK41: Thermocouple Input and  
Multifunction I/O Module  
for use with WaveBook/516E

## Conforms to the following standards:

<b>Safety</b>	Low-Voltage Directive 2006/95/EC, EN 61010-1; 2001
<b>EMC</b>	EMC Directive 2004/108/EC as defined by Standard: EN 61326-1:2006 (IEC 61326-1:2005)
<b>CISPR 22:1993</b>	Radio Disturbance
<b>EN 55022:1998</b>	Conducted and Radiated Emissions
<b>IEC 61000-4-2:1995</b>	Electrostatic Discharge Immunity
<b>IEC 61000-4-3:2002</b>	Radiated Electromagnetic Field Immunity
<b>IEC 61000-4-4:2004</b>	Electric Fast Transient Burst Immunity
<b>IEC 61000-4-5:2001</b>	Surge Immunity
<b>IEC 61000-4-6:2001</b>	Conducted Disturbance Immunity
<b>IEC 61000-4-11:2001</b>	Voltage Dips, Interruption Immunity

**EMC Testing:** Chomerics Test Services, Woburn, Mass. 01801, U.S.A.  
**Date:** February 24, 2009  
**Test Report #:** EMIS269.09  
**Date Issued:** July 15, 2009  
IOtech  
25971 Cannon Road  
Cleveland, OH. 44146 U.S.A .

**Signature:**   
**Full Name:** Carl Haapaoja  
**Position:** Director of Quality Assurance

## CE Compliant Operating Conditions

**Product Name:** WBK40, WBK41  
**Description:** WBK40: Thermocouple Input Module  
WBK41: Thermocouple Input and Multifunction I/O Module



**WARNINGS and CAUTIONS.** When you see any of these symbols on the product or in the documentation, carefully read the related information and be alert to the possibility of personal injury and/or equipment damage.



To maintain the safety, emission, and immunity standards of this declaration, the following conditions must be met.

- \* The host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.
- \* Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326-1:2006 (IEC 61326-1:2005).
- \* I/O cables must be less than 3 meters (9.75 feet) in length and shielded, with the shields connected to P1, P2, or Digital Ground.
- \* If using an Ethernet patch cable, use Ethernet patch cable p/n CA-242.
- \* Each D-shell connector must have a braided shield connected to its metal shell.
- \* Shielded cables (IOtech p/n CA-143-7, or CA-143-18) must be used when connecting the P1 or P2 connectors to DBK products.
- \* Cable CA-35-12 must be used when connecting a WBK40 /41 to a WaveBook/516E.
- \* For devices using the Ethernet, the Ethernet CE Kit must be properly installed per instruction sheet p/n 1077-0901.
- \* A TR-40U power supply must be used as the power source.



The user must observe all Warnings, Cautions, and operating conditions as specified in pertinent sections of the *WaveBook User's Manual* (489-0901) and the *WBK Options User's Manual* (p/n 489-0902).



Power must be off and disconnected from the host PC and all external connected equipment before accessing a WBK40 or a WBK41.

**Note:** Data acquisition equipment may exhibit noise or increased offsets when exposed to high RF fields (>1V/m) or transients.

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