

# USB-488

## Specifications



**MEASUREMENT  
COMPUTING™**

Document Revision 1.0, February, 2010  
© Copyright 2010, Measurement Computing Corporation

---

# Specifications

## IEEE 488

Compatible with IEEE 488.1 and IEEE 488.2

Table 1. IEEE 488 specifications

IEEE 488 bus transfer rate	880 kB/s maximum (standard IEEE 488 handshake). Actual rate depends on system configuration and instrument capabilities.
Connector type	IEEE 488 standard 24 pin

## USB specifications

Table 2. USB specifications

USB device type	USB 2.0 (full-speed)
Device compatibility	USB 1.1, USB 2.0
	Self-powered, 200 mA consumption max
USB cable type	USB standard series A plug
USB cable length	2 meters.

## I/O connectors

Table 3. I/O connector specifications

GPIO	IEEE 488 standard 24 pin
USB	USB standard series A plug.

## LEDs

Table 4. LED indicators

READY LED	Lights when the USB is configured.
ACTIVE LED	Lights when the USB is active.

## Power

Table 5. Power specifications

Power consumption	USB self-powered device 200 mA maximum
-------------------	---

## Environmental

Table 6. Environmental specifications

Operating temperature range	0 to 55 °C
Storage temperature range	-20 to 70 °C
Operating humidity	10 to 90% non-condensing
Storage humidity	5 to 95% non-condensing

## Mechanical

Table 7. Mechanical specifications

Dimensions	10.7 cm (L) by 6.6 cm (W) by 2.6 cm (H) (4.2 in. by 2.6 in. by 1.0 in.)
------------	---

**Measurement Computing Corporation**  
**10 Commerce Way**  
**Suite 1008**  
**Norton, Massachusetts 02766**  
**(508) 946-5100**  
**Fax: (508) 946-9500**  
**E-mail: [info@mccdag.com](mailto:info@mccdag.com)**  
**[www.mccdag.com](http://www.mccdag.com)**