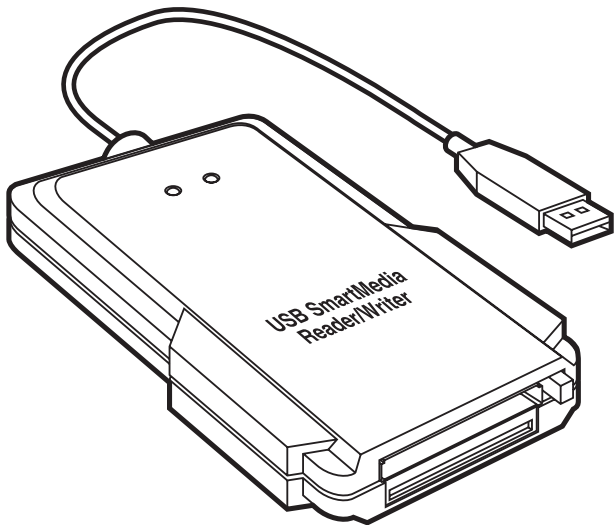


# USB SmartMedia Reader/Writer



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## CUSTOMER SUPPORT INFORMATION

Order **toll-free** in the U.S.: Call **877-877-BBOX** (outside U.S. call **724-746-5500**)

FREE technical support 24 hours a day, 7 days a week: Call **724-746-5500** or fax **724-746-0746**

Mailing address: **Black Box Corporation**, 1000 Park Drive, Lawrence, PA 15055-1018

Web site: [www.blackbox.com](http://www.blackbox.com) • E-mail: [info@blackbox.com](mailto:info@blackbox.com)

**FEDERAL COMMUNICATIONS COMMISSION  
AND  
INDUSTRY CANADA  
RADIO FREQUENCY INTERFERENCE STATEMENTS**

This equipment generates, uses, and can radiate radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio communication.

It has been tested and found to comply with the limits for a Class A computing device in accordance with the specifications in Subpart J of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be necessary to correct the interference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

*This digital apparatus does not exceed the Class A limits for radio noise emission from digital apparatus set out in the Radio Interference Regulation of Industry Canada.*

*Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de classe A prescrites dans le Règlement sur le brouillage radioélectrique publié par Industrie Canada.*

**NORMAS OFICIALES MEXICANAS (NOM)  
ELECTRICAL SAFETY STATEMENT**

**INSTRUCCIONES DE SEGURIDAD**

1. Todas las instrucciones de seguridad y operación deberán ser leídas antes de que el aparato eléctrico sea operado.
2. Las instrucciones de seguridad y operación deberán ser guardadas para referencia futura.
3. Todas las advertencias en el aparato eléctrico y en sus instrucciones de operación deben ser respetadas.
4. Todas las instrucciones de operación y uso deben ser seguidas.
5. El aparato eléctrico no deberá ser usado cerca del agua—por ejemplo, cerca de la tina de baño, lavabo, sótano mojado o cerca de una alberca, etc..
6. El aparato eléctrico debe ser usado únicamente con carritos o pedestales que sean recomendados por el fabricante.
7. El aparato eléctrico debe ser montado a la pared o al techo sólo como sea recomendado por el fabricante.
8. Servicio—El usuario no debe intentar dar servicio al equipo eléctrico más allá a lo descrito en las instrucciones de operación. Todo otro servicio deberá ser referido a personal de servicio calificado.
9. El aparato eléctrico debe ser situado de tal manera que su posición no interfiera su uso. La colocación del aparato eléctrico sobre una cama, sofá, alfombra o superficie similar puede bloquea la ventilación, no se debe colocar en libreros o gabinetes que impidan el flujo de aire por los orificios de ventilación.

10. El equipo eléctrico deber ser situado fuera del alcance de fuentes de calor como radiadores, registros de calor, estufas u otros aparatos (incluyendo amplificadores) que producen calor.
11. El aparato eléctrico deberá ser connectado a una fuente de poder sólo del tipo descrito en el instructivo de operación, o como se indique en el aparato.
12. Precaución debe ser tomada de tal manera que la tierra fisica y la polarización del equipo no sea eliminada.
13. Los cables de la fuente de poder deben ser guiados de tal manera que no sean pisados ni pellizcados por objetos colocados sobre o contra ellos, poniendo particular atención a los contactos y receptáculos donde salen del aparato.
14. El equipo eléctrico debe ser limpiado únicamente de acuerdo a las recomendaciones del fabricante.
15. En caso de existir, una antena externa deberá ser localizada lejos de las líneas de energia.
16. El cable de corriente deberá ser desconectado del cuando el equipo no sea usado por un largo periodo de tiempo.
17. Cuidado debe ser tomado de tal manera que objetos liquidos no sean derramados sobre la cubierta u orificios de ventilación.
18. Servicio por personal calificado deberá ser provisto cuando:
  - A: El cable de poder o el contacto ha sido dañado; u
  - B: Objetos han caído o líquido ha sido derramado dentro del aparato; o
  - C: El aparato ha sido expuesto a la lluvia; o
  - D: El aparato parece no operar normalmente o muestra un cambio en su desempeño; o
  - E: El aparato ha sido tirado o su cubierta ha sido dañada.

**TRADEMARKS USED IN THIS MANUAL**

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Windows is a registered trademark of Microsoft Corporation.

*Any other trademarks mentioned in this manual are acknowledged to be the property of the trademark owners.*

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# 1. Specifications

**Systems Requirements:** IBM® PC or compatible:  
Windows® 98, SE, Me, 2000; iMAC™ or PowerMAC®:  
OS 8/6–9.04 or later versions

**Speed:** Up to 12 MB

**Host Computer Port:** (1) upstream port, Type B receptacle

**I/O Ports:** (1) CompactFlash socket; (1) SmartMedia socket

**Temperature Tolerance:** Operating: 32 to 158°F (0 to 70°C); Storage: -40 to +158°F (-40 to +70°C)

**Relative Humidity:** Up to 90% noncondensing

**Connectors:** (1) USB Type A female, (1) SmartMedia and CompactFlash compatible card slot

**Indicators:** (1) Power, (1) Busy

**Power:** USB self-powered

**Size:** 1"H x 3"W x 4"D (2.5 x 7.6 x 10.2 cm)

**Weight:** 0.5 lb. (0.2 kg)

## 2. Introduction

### 2.1 Description

The USB SmartMedia Reader/Writer makes it easier to transfer digital images to the computer by providing a hot-swappable digital camera and music player storage-reading device. It's compatible with any USB-equipped PC or Mac®. You don't need to purchase a card reader for each device. The USB SmartMedia Reader/Writer is plug and play: it receives power through the USB bus, so no external power adapter is required.

The USB dual-port card reader has two kinds of sockets. One is a CompactFlash (CF) socket, and the other is a SmartMedia (SM) socket.

Simply remove the CompactFlash or SmartMedia card from your camera, insert it into the Reader, and access the card like a disk drive.

Digital cameras, handheld PCs, and MP3 players might always use different types of memory cards. The Reader/Writer allows you to write and erase data from two of the most popular cards without having to buy separate readers.



### 2.2 What the Package Includes

Your package should include the following items:

- (1) USB card reader
- (1) software driver CD-ROM
- This users' manual

If anything is missing or damaged, please contact Black Box at 724-746-5500.

### 2.3 Features

- Lets you use your computer (PC or Mac) to swap files back and forth between CompactFlash, SmartMedia card, or hard drives in a few seconds.
- Speeds up to 12 Mbps.
- Self-powered; no extra power supply needed.
- Faster download speed: The dual-port card reader contains a powerful ASIC hardware interface, generating the faster transfer rate than your camera's serial port connection.

- Extends the battery life of your computer for taking pictures or handheld PC for downloading files.
- Plug-and-play operation.
- Supports Windows 98, 98 SE, Me, 2000, and Macintosh® OS 8.6–9.04 or later versions.

## 3. Installation

### 3.1 PC Windows

1. Click **Start**, then select **Run**.
2. Type the driver name to install the program into your program directory.
3. Plug the Type A cable of the card reader to your computer's USB port.
4. The “Found New Hardware Wizard—Searching for Software Drivers” screen appears. Select **NEXT** to point the wizard to search “Programs” for installing software drivers.
5. After installing the drivers, check that the card reader device exists in your systems. Right-click on the “My Computer” icon.
6. Click **Properties**, then select **Device Manager**.
7. Select **Universal Serial Bus Controller**, then **USB Mass Storage Device**.

### 3.2 Mac

Run the Mac driver file (USB2IDE\_2\_0a9 installer), which is located at the Mac directory of the CD-ROM that comes with your Macintosh computer.

## **4. LED Indicators**

Located on the upper center side of the cover panel are two LED indicators. The left LED (CF) flashes when accessing the CompactFlash port, and the right LED (SM) flashes when accessing the SmartMedia port.



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