INSIGNIA™

USB 3.0 Multi-Format Memory Card Reader

NS-DCR30A2/NS-DCR30A2-C

Before using your new product, please read these instructions to prevent any damage.

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NS-DCR30A2/NS-DCR30A2-C
Multi-Format Memory Card Reader

Contents

Welcome

Congratulations on your purchase of a high-quality Insignia product. Your NS-DCR30A2/NS-DCR30A2-C memory card reader represents the state-of-the-art in memory card reader design and is designed for reliable and trouble-free performance.

Features

- Easily transfer music, photos, video, and other files between your computer and a digital camera/camcorder, action camera, smartphone, tablet, or similar device.
- Supports SD, SDHC, SDXC, microSD, microSDHC, microSDXC, MMC, MMCplus, MemoryStick, MS PRO, MS-Duo, MS PRO Duo, MS PRO-HG Duo, MemoryStick Micro (M2), CompactFlash types I and II cards.
- Plug & Play: drivers automatically load.
- USB 3.0 high speed transfer. Also compatible with USB 2.0 computers.
- Allows transfer of data between compatible card slots.

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Important safety instructions

Before getting started, read these instructions and save them for later reference.

- Do not drop or hit your card reader.
- Do not install your card reader in a location that is subject to strong vibrations.
- Do not disassemble or try to modify your card reader. Disassembly or modification may void your warranty and could damage your card reader.
- Do not store your card reader in a damp location. Do not allow moisture or liquids to drip into your card reader. Liquids can damage your card reader leading to a fire or electric shock.
- Do not insert metal objects, such as coins or paper clips, into your card reader.
- Do not remove a card when the LED indicator shows data activity is in progress. You may damage the card or lose data stored on the card.
- When incerting CF cards, pay extra attention to the card orientation and the angle of insertion so as not to damage the connector pins. DO NOT use excessive force.

Card reader components

Package contents

- Multi-Format Memory Card Reader
- *Quick Setup Guide*
- USB 3.0 Cable

Minimum system requirements

- Windows PC or Macintosh computer
- Pentium 233MHz or higher processor
- 1.5 GB of hard drive space
- Windows® 8, Windows® 7, Windows® Vista, Windows® XP* or Mac OS 10.4 or higher

  Some memory cards, such as the SDXC, are not compatible with Windows XP. Refer to your card manufacturer to determine if your card is compatible with your OS (operating system).

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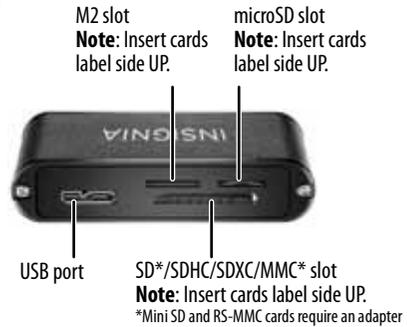## Front and back view

LED indicators   USB cable

CF card slot
Note: Insert cards
label side DOWN.

Memory stick/MS PRO/MS Duo/MS
PRO Duo/MS PRO-HG/M2* slot
Note: Insert cards label side DOWN.
*M2 cards require an adapter

M2 slot
Note: Insert cards
label side UP.

microSD slot
Note: Insert cards
label side UP.

USB port

SD*/SDHC/SDXC/MMC* slot
Note: Insert cards label side UP.
*Mini SD and RS-MMC cards require an adapter

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Card slots

This diagram shows the correct slots for the different types of media cards supported. Refer to the following section for additional details.

Media Card Slot	Card Image	Details
MS/MS Pro		Insert Memory Stick PRO Duo, Memory Stick Duo, Memory Stick PRO, Memory Stick PRO HG, or Memory Stick cards into this slot.
SD/MMC		Insert Secure Digital card (SD, SDHC, SDXC, Mini SD), or MultiMedia Card (MMC, MMCplus, RS-MMC) into this slot. **Notes**: • A memory card adapter is required for Mini SD and RS-MMC. • These cards must be inserted with the label side DOWN.
microSD		Insert microSDHC or microSD cards into this slot. No adapter is required.
M2		Insert M2 cards into this slot.
CF (Types I and II)		Insert Compact Flash™ (CF) type I/II, UDMA card into this slot. **Note**: • Pay extra attention to the orientation and alignment of the card so that you do not damage the connector pins in this slot. • These cards must be inserted with the label side DOWN.

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Using your card reader

Connecting your card reader

- Plug one end of the USB cable into the card reader, then plug the other end into an available USB port on your computer. Your computer loads the drivers automatically and a removable disk drive icon appears in the My Computer/Computer (Windows Vista) window or your desktop on Mac OS X.

Note
If you connect this card reader to a USB 2.0 port, the green LED lights. When you transfer data over USB 2.0, the green LED blinks. If you connect this card reader to a USB 3.0 port, the blue LED lights. When you transfer data over USB 3.0, the blue LED blinks.

To access a memory card using Windows:

1 Insert a card into the appropriate slot, label side up (except for CF and SD/MMC slots, which require that cards be inserted label side DOWN). The data LED lights.

Caution
• Cards must be inserted into the correct slot, with correct label orientation (see illustration on page 4). Otherwise, you may damage the card and/or the slot.   • This card reader supports multiple cards at the same time, such as CF+MS+SD+microSD or CF+MS+SD+M2. It does not support microSD and M2 cards at the same time.

2 Click **Start**, then click **My Computer** or **Computer**. Double-click the appropriate drive to access the data on the memory card.

3 To access files and folders on the memory card, use normal Windows procedures for opening, copying, pasting, or deleting files and folders.

To remove a memory card using Windows:

Caution
Do not insert or remove memory cards while the green or blue data LED on the reader is flashing. Doing so may cause damage to your card or loss of data.

1 When you have finished working with the files on the memory card, right-click the memory card drive in *My Computer or Computer* or *Windows Explorer*, then click **Eject**. The data LED on the memory card reader turns off.

2 Carefully remove the memory card.

To access a memory card using Macintosh OS X 10.4 or higher:

1 Insert a card into the appropriate slot, label side up (except for CF and SD/MMC slots, which require that cards be inserted label side DOWN). The data LED lights and a new memory card icon appears on the desktop.

Caution
Cards must be inserted into the correct slot, with correct label orientation (see illustration on page 4). Otherwise, you may damage the card and/or the slot.

2 Open the *Finder* window, then click on the card's name in the left menu to view its contents.

3 Use normal Mac procedures for opening, copying, pasting, or deleting files and folders.

To remove a memory card using Mac OS X:

1 When you have finished working with the files on the memory card, drag the memory card icon to the **Eject** icon or right-click the name of the memory card on the desktop, then select **Eject**.

2 When the data LED stops blinking, carefully remove the memory card. The name of the card disappears from the *Finder* window.

Caution
Do not insert or remove memory cards while the green or blue data LED on the reader is flashing. Doing so may cause damage to your card or loss of data.

Data LED

Indicates when a slot is reading from or writing to a card.

- LED Off–Your card reader is not being used.
- LED On–A card is inserted in one of the slots.
- LED flashing–Data is being transferred to or from a card and the computer.

Formatting a memory card in Windows

Caution
Formatting a memory card permanently deletes all files on the card. Be sure that you copy any valued files to a computer before formatting a memory card. Do not disconnect the card reader or remove the memory card while formatting is in progress.

If your computer has trouble recognizing a new memory card, format the memory card in your device or by using the following procedure.

To format a memory card in Windows:

1 Click **Start**, then click **My Computer** or **Computer**.

2 Under **Removable Storage**, right-click the appropriate memory card drive.

3 Select **Format**.

4 Type a name into the **Volume Label** box. The name of your memory card appears next to the drive.

5 Click **Start**, then click **OK** in the *Warning* dialog box.

6 Click **OK** on the *Format Complete* window.

7 Click **Close** to finish.

Formatting a memory card with Macintosh

Caution
Formatting a memory card permanently deletes all files on the card. Be sure that you copy any valued files to a computer before formatting a memory card. Do not disconnect the card reader or remove the memory card while formatting is in progress.

If your computer has trouble recognizing a new memory card, format the memory card in your device or by using the computer.

To format a memory card:

1 Click **Go**, then click **Utilities**.

2 Double-click the **Disc Utility** from the list.

3 In the left-hand column, select the memory card you want to format, then click the **Erase** tab.

4 Specify a volume format and name for the memory card, then click **Erase**. A warning box opens.

5 Click **Erase** again. The Erase process takes a minute or so to erase and reformat your memory card.

Troubleshooting

Symptom	Solution
Memory cards do not appear in *My Computer or Computer* (Windows operating systems) or on the desktop (Mac operating systems).	• Make sure that the memory card is fully inserted into the slot. • Make sure that the card reader is fully connected to your computer. Unplug and reconnect your card reader. • Try a different memory card of the same type in the same slot. If a different memory card works, the original memory card should be replaced. • Disconnect the cable from your card reader and shine a flashlight into the empty card slots. Look to see if any pin inside is bent, then straighten bent pins with the tip of a mechanical pencil. Replace your memory card reader if a pin has bent so much that it touches another pin. • Make sure that your computer has the lates OS updates and service packs installed.

Symptom	Solution
Memory cards appear in *My Computer or Computer* (Windows operating systems) or on the desktop (Mac operating systems) but errors occur when writing or reading.	• Make sure that the memory card is fully inserted into the slot. • Try a different memory card of the same type in the same slot. If the different memory card works, the original memory card should be replaced. • Some cards have a read/write security switch. Make sure that the security switch is set to **Write Enabled**. • Make sure that the amount of data you attempted to store has not exceeded the capacity of the card. • Inspect the ends of the memory cards for dirt or material closing a hole. Clean the contacts with a lint-free cloth and small amounts of isopropyl alcohol. • If errors persist, replace the memory card. • Some memory cards, such as SDXC, are not compatible with XP. Refer to your card manufacturer to see if your card is compatible with your OS. • Is you are using a USB extension cable with the card reader, or using a USB hub, try plugging the card reader directly into the USB port on your computer using the supplied three foot USB 3.0 cable.
No icon appears when a card is inserted into the reader (MAC OS X).	• The card may have been formatted in Windows FAT 32 format. Using a PC or digital device, reformat the card using OS X-compatible FAT or FAT16 format.
File transfer is very slow or not any faster than a USB 2.0 card reader.	• Caused by slower speed (lower class) cards with slow transfer rates. Upgrade to a faster class of card (for example, Class 10) to improve transfer speed.

Specifications

Supported file systems	FAT 12/16/32, NTFS, and exFat
Five memory card slots	CF slot SD/SDHC/MMC slot MS Pro Duo/MS Pro slot microSD slot M2 slot
Indicators	Card detected: Blue LED on (USB 3.0) or green LED on (USB 2.0) Data access: Blue LED flashing (USB 3.0) or green LED flashing (USB 2.0)
Supported cards	CompactFlash (I & II, UDMA), Secure Digital (SD, SDHC, SDXC, Mini SD*), MultiMediaCard (MMC, MMC plus, RS-MMC*), and Memory Stick (MS, MS Pro, MS Duo, MS Pro Duo, MS Pro HG, M2) cards, microSDHC, microSD. **Note**: Cards marked with * require an adapter.
USB Cable	USB 3.0 A-type plug to micro-USB 3.0 plug
OS Support	Windows XP, Windows Vista, Windows 7, Windows 8 and 8.1, Mac OS 10.4 or higher
Dimensions (L × D × H)	1.7 H x 3.3 W x 0.6 D in. (4.4 x 8.42 x 1.6 cm)
Operating temp.	32° F~104° F (0° C~40° C)
Storage temperature	-4° F~140° F (-20° C~60° C)
Certification	FCC Class B, ICES-003

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Legal notices

FCC statement

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada ICES-003 Compliance Label:

CAN ICES-3(B)/NVM-3(B)

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ONE-YEAR LIMITED WARRANTY - INSIGNIA

Definitions:

The Distributor* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period").

For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy branded or Future Shop branded retail store or online at www.bestbuy.com, www.bestbuy.ca, or www.futureshop.ca and is packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy or Future Shop retail store location, please take your original receipt and the Product to any Best Buy store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy or Future Shop online web site (www.bestbuy.com, www.bestbuy.ca, or www.futureshop.ca), mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain warranty service, in the United States call 1-888-BESTBUY or in Canada call 1-866-BESTBUY. Call agents may diagnose and correct the issue over the phone.

Where is the warranty valid?

This warranty is valid only in the United States and Canada at Best Buy branded retail stores or websites to the original purchaser of the product in the county where the original purchase was made.

What does the warranty not cover?

This warranty does not cover:
- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to weather, lightning, and other acts of God, such as power surges
- Accidental damage
- Misuse
- Abuse
- Negligence

- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally.)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.

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