



DIGITAL  
CAMERAS

# Digital Media Storage

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# Digital Media Storage

## ■ What are the choices?



# Digital Media Storage

## ■ Memory Cards

- Mostly used in your camera to capture images

## ■ Internal Hard Drives

- Installed with your desktop and or laptop computer

## ■ External Hard Drives

- Attached to your desktop or laptop

## ■ CD/DVD Burners

- May be installed or attached to your desktop or laptop

## ■ USB Flash Drives

- Small portable hard drives (less permanent than CD's or DVD's)

# Digital Media Storage

## ■ Portable Storage Devices

- Not permanently tethered to your computer
  - Include slots for different types of memory cards
  - Many run off batteries
- ## ■ Multimedia Storage Albums (not only store your images but also have an LCD screen for viewing)
- Portable CD/DVD burners

# Digital Storage Devices

## ■ What are you?

- Professional photographer who is doing video on your DSLR
- Professional photographer shooting multi day shoots in remote areas
- Traveler on a budget
- Do not want to bring a laptop on your backpacking trip
- May be taking some HD video and are shooting in RAW
- Have a new 15 megapixel camera but do not want to carry \$400 worth of memory cards that you may not use later

# Digital Storage Devices

## ■ Solutions!



- Memory Cards-the straight forward approach
- They are light, durable and sometimes cheap
- 16GB card for about \$90
- 32GB cards available but expensive
- Buy a good name brand (not all cards are the same)
- No need to spend on ultra/extreme high write speed cards unless your camera captures images at a high rate of speed, or you are doing action photography

# Digital Storage Media

- USB Flash Drives
- Available in many size capacities
- Small and easy to carry
- Also easy to loose



# Digital Storage Media

## ■ Portable Backup Devices

- Come in many different flavors. iPod looking devices that have a one tone display to full color display units with 3" LCD's. Some have video players and mp3 players built in.
- Main advantage to photographers is large hard drives ranging from 60GB to over 250GB of storage space

# Digital Storage Devices

- **OK, I want a backup device! What do I look for in one?**
  - Large hard drive (at least 60GG)-if you do not get one with a large hard drive you defeat the purpose
  - Rechargeable battery or Lithium Ion Battery
  - Last longer than AA's (don't want them to die in the middle of a back up)
  - Saves money in the long run
  - Lithium Ion charge faster and last longer than standard AA rechargeable

# Digital Storage Devices

## ■ Features for backup confirmation

- This is important because you want to know that your photos are securely backed up before reusing your memory cards

## ■ Full color screen

- This allows you to see what you just backed up

## ■ Fast Data Transfer

- Some hard drives are very slow to transfer files. The entry level ones will take about 15 minutes to transfer 8GB. Most cards today are 8-16GB.

## ■ The right slot for your type of memory card

- Make sure that the unit accepts your type of card.

# Digital Storage Media

- **Extra features that may interest you**
  - Removable hard drive
  - Video/photo/mp3 player included
  - Portable size
  - Good warranty

# Digital Storage Media

- Wolverine 1TB Portable USB Drive

- 120-1000GB starting at \$89.99



- Wolverine Confidential Fingerprint Secure Drive

- 80GB-250GB starting at \$109.95

- Epson P-3000 40GB about \$400

- Epson P-6000 80GB about \$600

- Epson P-7000 160GB about \$800

- Epson's all have color screens

- Epson's include audio/video out

- Rechargeable batteries

- Support compact flash 1/11 and secure digital media



# Digital Storage Devices

## ■ Home or Office storage system

- Western Digital Network Storage System
- Big capacity, small footprint
- 4TB-8TB
- About \$700
- Gigabit Ethernet connection



# Digital Storage Devices

- *Do your homework*
- *Buy what works for you*
- *Don't hesitate to back up your files*
- *What you loose you may not be able to get back*