

Multimedia Devices



Introducing Multimedia

- **Multimedia** - multisensory stimulators, or things that stimulate our senses of sight, sound, touch, smell, or taste



Information Kiosks

- Automated presentation systems used to provide information to the public or employee training



Audio: MP3

- MP3 format
 - Reduces file size of sound files
 - Eliminates those frequencies that the human ear cannot hear
 - Record, store and play on computer
 - Downloadable
 - Stored on portable players



Audio: Digital Voice Recorders

- Digital Voice Recorders
 - Record voice and sounds to playback later
 - Built-in microphone
 - Stored on memory chip
 - Consider amount of storage and price



Visual: E-Books

- E-book is a book that has been digitized and distributed by means of a digital storage medium
- E-book reader may be built only for reading e-books or a PDA



Visual: Digital Cameras

- Digital camera is a camera that uses digital technology to store and display images instead of recording them on film
 - Shot is stored in camera
 - Lens, shutter, viewfinder
 - CCD
 - Megapixel



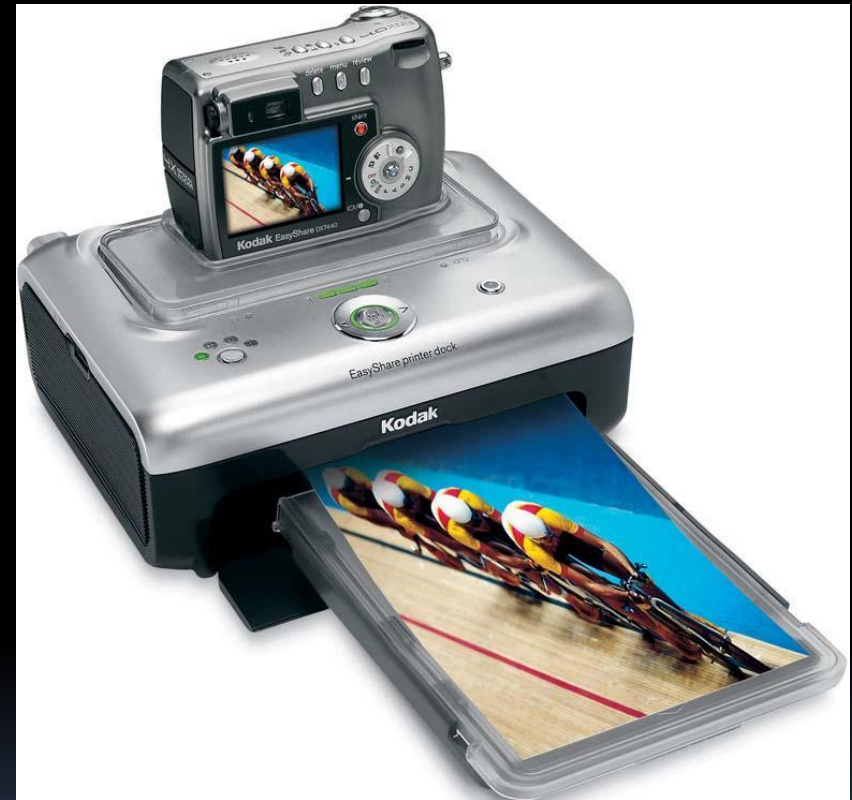
Visual: Digital Cameras

- Images are stored using flash memory technologies
 - CompactFlash
 - SmartMedia
- Photos can be downloaded to PC for safe-keeping.



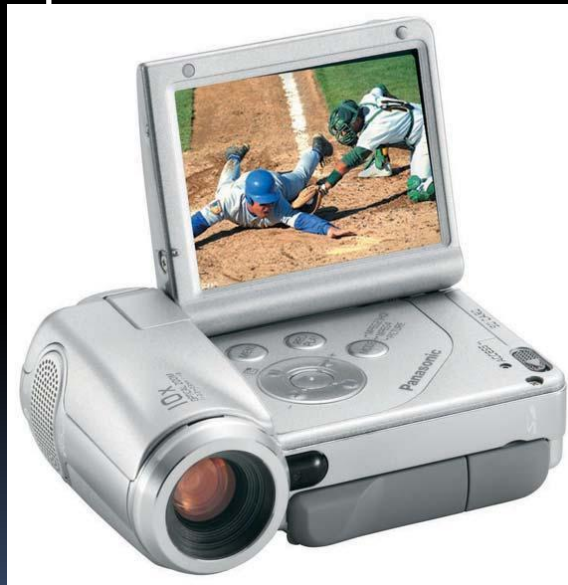
Visual: Digital Cameras

- Photo-editing programs allow you to enhance, edit, crop or resize photos
- Photo printers use flash memory cards to let you print directly to the printer



Visual: Digital Camcorders

- Digital video saves full-motion images in digital format
- Connect a digital video camera to computer through a USB port



Television and Computer Appliances

- MSN® TV is an Internet service that can be accessed through an inexpensive set-top appliance
 - Television becomes display
 - Wireless keyboard or remote control unit



Television and Computer Appliances

- Portable Televisions and Jukeboxes
 - Carry multimedia wherever you go
 - Dual-band wireless connection
 - High-speed Ethernet port to receive and transmit data



Television and Computer Appliances

- Digital video recorders (DVR)
 - Similar to a VCR
 - Uses a hard disk
 - TiVo



Television and Computer Appliances

- Computer Gaming Devices

- Playstation

- Xbox

- Console

- Similar to computer

- Load and play games

- Can be handheld

- Game Boy



Television and Computer Appliances

- Headsets
 - Wearable device that includes twin LCD panels
 - Create the illusion of walking through a 3-D environment
- Cave Automated Virtual Environment (CAVE)
 - 3-D glasses
 - Walls, ceilings, and floors display projected 3-D images

