

Concepts for a Digital World 2003 Voice Input

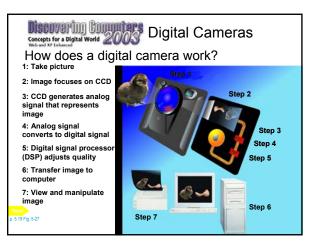
What is a MIDI?

 External device, such as electronic piano keyboard, to input music and sound effects









Concepts for a Digital World 2003 Digital Cameras

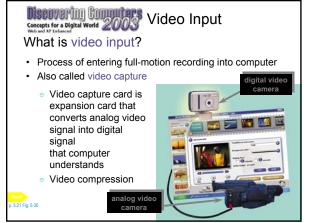
What is resolution?

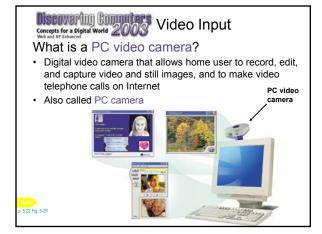
- Sharpness and clarity of image
- Higher the resolution, the better the image quality, but the more expensive the camera
- Pixel (picture element) is single point in electronic image

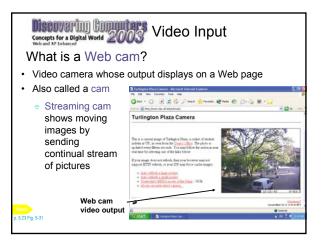
 Greater the number of pixels, the better the image quality

5 20 Ein 5-28









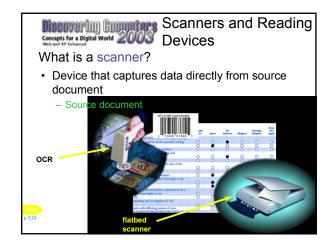
Concept for a Digital World 2003 Video Input What is videoconferencing?

Two or more geographically separated people who use network on the Internet to transmit audio and video data

 Whiteboard is another window on screen that can display notes and drawings simultaneously on all participants' screens

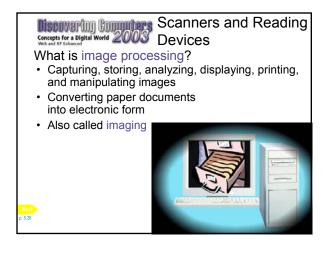
o. 5.24 Fig. 5-32

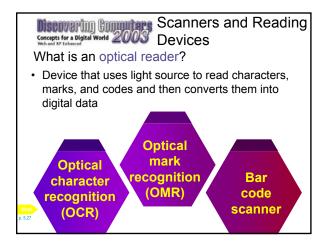


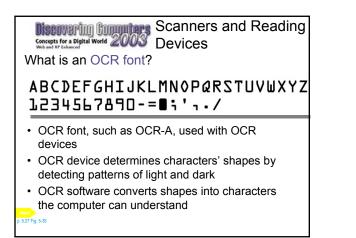


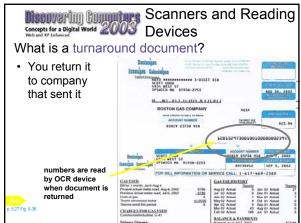


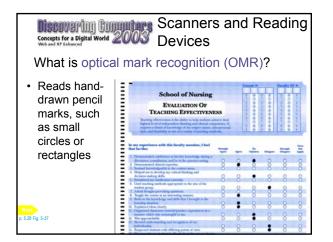


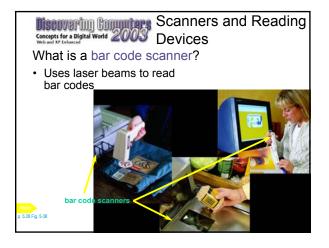


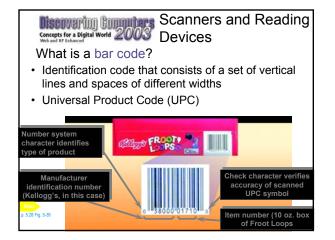


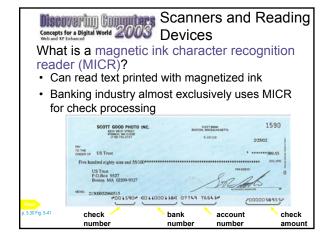










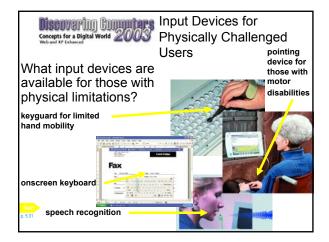


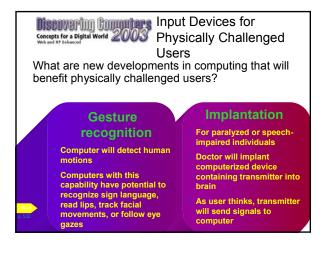
Concepts for a Digital World 2003 Scanners and Reading Devices

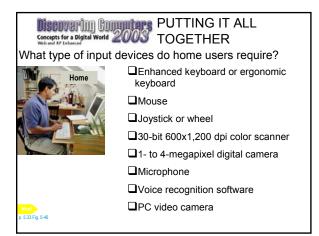
What is wireless input?

- Handheld computer or device used to collect data wirelessly at the location where transaction or event takes place
- Data transferred later to desktop computer through docking station









Concept for a District World 2003 TOGETHER

What type of input devices do SOHO users require?

Small Office/Home Office

Enhanced or ergonomic keyboard

Mouse

Stylus and portable keyboard for handheld computer

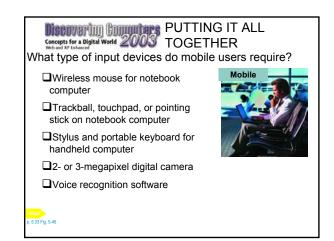
□ 36-bit 600 x 1,200 dpi color scanner

□1- to 4-megapixel digital camera

Microphone

□Voice recognition software

PC video camera



Conception Computers PUTTING IT ALL TOGETHER

What type of input devices do power users require?



Enhanced or ergonomic keyboard

Stylus and cursor for graphics tablet
48-bit 1,200x1,200 dpi color scanner
3-megapixel digital camera
Microphone

PC video camera

p. 5.33 Fig. 5-46

Discourse for a Digital World PUTTING IT ALL TOGETHER What type of input devices do large business users require? Enhanced or ergonomic keyboard Mouse Touch screen Light pen for point-of-sale terminals 42-bit 1,200x1,200 dpi color scanner OCR, OMR, bar code reader, or MICR reader Video camera for videoconferences Voice recognition software

Microphone

p. 5.33 Fig. 5-46

Concepts for a Digital World 2003 Summary of Input

- · What is input?
- · What are input devices?
- · The keyboard
- Mouse
- · Other pointing devices
- · Voice input
- Input devices for handheld computers
- Digital cameras
- Video input
- Scanners and reading devices
- Input devices for physically challenged users

Chapter 5 Complete

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