

Audio Video Input devices

Audio Visual Input devices :

At Present all the computers are multimedia enabled . Hence, in addition of the existing input devices we need some other like audio and video devices to input sound and video data into computer.

1. _Audio Devices (Microphone & CD/DVD Player):-

Microphone and CD/DVD player is widely used audio data into computer memory. . here, microphone capture the sound vibration form source and convert it into corresponding digital signal and transferred to computer memory for further processing. Where as through CD/DVD player , we can enter pre-recorded audio signal into computer memory.

2. Video Devices →

video input devices are used to capture video from outside the world into computer. Video means , moving pictures along with sound.

Digital video camera is the device that is used to capture the movement of picture with sound around the world and environment and send into computer memory . WEB-CAM is another important input device that capture the movement of the object in the surrounded area and transfer into computer memory.

_ Most of the digital camera is build with the memory card where they store the recorded input data . Web-cam have DVR(Digital Video recorder) that record and store the video data .

Advantage of Audio /Video Device :

1. These devices can be used by people having visual problem
2. These devices are best used in the situation where users want to avoid input through keyboard.

3. Video devices are used in online meeting and video conferencing.
4. These devices are used to record memorable moment of life.
5. These devices can also be used for security purpose.

Disadvantage :

1. Audio input devices are noisy.
2. These devices are difficult to capture two similar sound word
3. The recorded video is very big in size to store in memory .