

The eyes of your computer



عيون الكمبيوتر

ماذا يعمل الماسح الضوئي؟

A scanner sees images and converts the printed text or pictures into electronic codes that can be understood by the computer. With a flatbed color scanner, the paper with the image is placed face down on a glass screen, as with a photocopier.

Beneath the glass are the lighting and measurement devices. Once the scanner is activated. It reads the image as a series of dots and then generates the digitized image that is sent to the computer and stored as a file. The scanner operates by using three rotating lamps, each of which has a different colored filter: Red, green and blue. The resulting three separate images are combined into one by appropriate software.

ماذا تفعل الكاميرا الرقمية؟

A digital camera takes photos electronically and converts them into digital data: (Binary codes made up of 1s and 0s). It doesn't use the film found in a traditional camera; instead it has a special light-sensitive silicon chip.

Photographs are stored in the camera's memory card before being sent to the computer. Some cameras can also be connected to a printer or a TV set to make viewing images easier. This is usually the case with camera's phones-mobile phones with a built-in camera.

ماذا تعمل كاميرا الفيديو? What does a camcorder do?

A camcorder, or digital video camera, records moving pictures and converts them into digital data that can be stored and edited by a computer with special video editing software.

Digital video cameras are used to send live video images via the internet. In this case, they are called web cameras, or webcams.

Questions

Based on the context, what is the meaning of the following words in English

اعتمادا على سياق الجملة ما هو معنى الكلمات التالية بالإنكليزية

Images: ...p..... Converts: ...c..... Flatbed: ...b.... photocopier: .c.....

Beneath:u..... activated:t.... on.... generate: p.....

Resulting:o.... combined: g..... made up of:c.....

Stored:s..... connected:l..... built-in:i..... live:o.....

Based on the context what is the Arabic meaning of: ما هو المعنى العربي للكلمات

Scanner - printed - measurement devices –

إلى ما تشير الكلمات التي تحتها خط? What do the following underlined words refer to?

.... Pictures into electronic codes that can be understood....

The scanner operates by using three rotating lamps, each of which has different colored filter

..... generates the digitized image that is sent to....

