Sensor

An input device whose purpose is to detect events or changes in its environment and send the information to other electronics, frequently a computer processor.

There are digital or analogue sensors.

Analog sensors capture analog signals that can assume any value in a range. Digital sensors output a range of values that increase in steps. For example, consider a push button: it binary and has only two values - "on" or "off".

In this video you discorver much more about the it.