

Barcode Scanner (Barcode Reader)

We offer wide range of barcode scanner such as 2D barcode scanner, CCD barcode reader, laser bar code scanner, mobile computer or portable data collector, omni-directional barcode scanner and wireless or cordless barcode reader.

The barcode reader brands that we carry are Argox, CipherLab, Datalogic, Handheld, Metrologic, Opticon, Posiflex, Symbol, Tysso Barcode Scanner / Reader

Barcode scanning comes in handheld, wand, counter-top, in-counter, industrial, USB, PS2 keyboard wedge, serial (RS232), cordless bluetooth, wireless RF and WiFi 802.11b connection.

CCD Barcode Scanner / Linear Imager

CCD (Charge Coupled Device) Barcode Scanner use an imaging CCD (similar to the ones found in digital cameras) to take a picture of barcodes, that are then decoded into a sequence of characters. CCD Barcode Scanner have a very fast scan speed, but a low scan range (often less than 3 inches from the barcode). A CCD Barcode Scanner can be very durable because they do not contain any moving parts, but are limited because they cannot read any barcodes wider than the imaging element.

2D Barcode Scanner / Area Imager

A 2D Barcode Scanner can interpret two-dimensional barcodes, which store data in two dimensions, rather than in just a series of black and white bars. 2D barcodes look like checkerboards or a series of traditional barcodes stacked atop one another. 2D Barcode Scanners use both CCD and Imaging technology to read barcodes.

Laser Barcode Scanner

Laser Barcode Scanner are the most common type of Barcode Scanner. A laser Barcode Scanner need not be in contact with a barcode to read it. A standard range laser Barcode Scanner can read a barcode from about 6 to 24 inches away, and a long range Barcode Scanner can read one from perhaps 2 to 8 feet away. Certain extra long-range laser Barcode Scanner are capable of reading a barcode from up to 30 feet away.

Omni directional Barcode Scanner

An Omni-Directional Barcode Scanner (also known as a Projection Barcode Scanner) works just like a Laser Barcode Scanner with the addition of several mirrors and other reflective devices to transform one laser line into many, all at different angles. This allows fast reading of barcodes at any angle, making an Omni-Directional Barcode Scanner perfect for point of sale installations, such as at a grocery store.

Wireless / Cordless Barcode Scanners

Cordless Barcode Scanner use radio frequencies similar to cordless phones to send scanned information back to a computer-attached base station. Main criteria for selection a cordless Barcode Scanner are range and battery life. Cordless Barcode Scanner can dramatically improve shipping and receiving operations where a cable could get damaged or limit access to packages to be scanned.