POS Hardware Peripherals

CCD-USB/Serial Bar Code Reader

Handheld Scanner

The CCD (Charge Coupled Device) USB bar code reader contains a linear type of video camera similar in concept to the one used in home video camcorders. It photographs 500 pictures per second to capture the bar code image. The built-in FUZZY logic decoder is the best barcode decoder available. FUZZY logic aggressively reads even poor or damaged barcodes by actually reconstructing missing pieces to form a whole barcode.

Depth of Field

The CCD USB bar code reader has a fixed-focal length which limits the depth of field range (distance away from the bar code). CCD USB scanners are considered 'near- contact' scanners such that no direct physical contact (touch) is required (unlike wands which require the user to touch and stroke the bar code). These USB Long Range Fuzzy CCDs increase the distance at which the barcode can be read to 3", making them effective replacements for more expensive laser scanners.

Interface

The most common output configuration is a "Keyboard Wedge Output" which connects (wedges) between the keyboard (or serial port) and the PC. The keyboard functions normally, and when a bar code is scanned, the CCD Bar Code Reader sends data to the PC through the keyboard or serial port as if it were typed in.

Technical Specifications Bar Code Reader	
Dimensions	Weight: 6.1 oz Width: 3.25" Length: 7.25" Height: 2.75"
Power	115 VAC 50/60 Hz 300 mA
Operating Power	+5 VDC @ 183 mA maximum
Output Interface	AT/KB PS2/KB RS232 Wand USB
Fuzzy Logic Decoder	Reads damaged, dirty and low quality dot matrix barcodes quickly and accurately
3" Depth of Field	Allows the CCD to stand mounted for hands-free scanning
Quick Change Cables	Easy field maintenance and upgrades to different host interface options
Programming Menu	Easily scan certain barcodes to configure the CCD USB
Drop Test	5 feet to a hard surface
Warranty	90 days parts and labor
Part Number	045FTCCD-USB

Technical Specifications subject to change without notice. Please contact PCS before purchasing new equipment. PCS only supports platforms that are supported by Microsoft PCS will not support Novell. Please contact a PCS technical representative for specific configuration options.