

Bar Code Scanner MK-5145

With Posiflex state-of-the-art scanning technology embedded inside, the MK5145 has a longer working range and a wider scan field than a typical CCD. The width of the scan line grows as the scanner moves further away from bar codes. In addition, the laser beam pulses which make lining up bar codes easy, and when the scanner senses a bar code (CodeSense™ Mode), the laser beam automatically switches to scan mode and activates CodeGate to ensure high-speed scanning and accuracy.



- Popular USB and Keyboard Wedge interfaces built into one unit.
- PowerLink user replaceable cables.
- Remote-control style button reduces fatigue.
- Custom edit the bar code data.
- OPOS and JPOS system compatible.
- Easy to program using Windows-based utility or bar code menus.

ITEM	SPECIFICATION
Light Source	Visible Laser Diode 650 nm + 5 nm
Laser Power	< 1.0 mW @ peak power
Depth of Scan Field	0 mm - 140 mm (0" - 5.5") for 0.33 mm (13 mil) bar codes
Width of Scan Field	49 mm (1.9") @ face; 195 mm (7.7") @ 140 mm (5.5")
Scan Speed	72 scan lines per second
Scan Pattern	Single scan line
Minimum Bar Width	0.102 mm (4.0 mil)
Decode Capability	Autodiscriminates all standard barcodes
System Interfaces	PC Keyboard Wedge, RS232, Stand Alone Keyboard, USB
Print Contrast	35% minimum reflectance difference
Number Characters Read	Up to 80 data characters
Roll, Pitch, Yaw	42°, 68°, 52°
Beeper Operation	7 tones or no beep
Indicators (LED)	Green = laser on, ready to scan; Red = good read
Mechanical	
Length	169 mm (6.7")
Width	Head: 63 mm (2.5") Handle: 40 mm (1.6")
Height	Head: 35 mm (1.4") Handle: 31 mm (1.2")
Weight (w/o cable)	97 g (3.41 oz)
Termination	10 pin modular RJ45
Cable	Standard 1.5 m (5') straight; optional 2.7 m (9') coiled
Electrical	
Input Voltage	5 VDC + 0.25 V
Power	675 mW
DC Transformers	Class 2; 5.2 VDC @ 200 mA; or Class 2, 5.2 VDC @ 650 mA
Operating Current	135 mA @ 5 VDC
Laser Class	CDRH Class II; IEC 60825-1:1993+A1:1997+A2:2001 Class 1
EMC	Class B: FCC Part 15, ICES-003, European Union EMC Directive
Environmental	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	5% to 95% relative humidity, non-condensing
Shock	Designed to withstand 1.5 m (5') drops
Light Levels	Up to 4842 lux (450 footcandles)
Contaminants	Sealed to resist airborne particulate contaminants
Ventilation	None required

** The product information and specifications are subject to change without prior notice.