

# Handheld CCD Scanner V520-LGP6125

- Significantly improved decode techniques
- Highly ergonomic design and styling
- Lightweight for continuous use
- Low power consumption; ideal for use with portable terminals
- Fast, 200 scans per second
- Outstanding performance



## Ordering Information

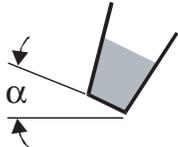
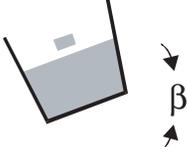
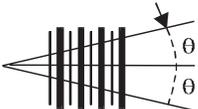
Item	Model
RS-232C Interface	V520-LGP6125-C
Omron PLC/Touchscreen	V520-LGP6125-P

## Specifications

### ■ General Specifications

Item	Description	
Scan speed	200 scans/second	
Photo detector	2k element CCD	
Light source	Visible LED ( $\lambda = 630$ nm)	
Depth of field	0 to 1.75 in (EAN13, PCS0.9, density 0.33)	
Reading width	Up to 3.2 in	
Resolution at PCS 0.9	5 mil	
Minimum PCS value	0.45	
Voltage	5 V $\pm$ 5%	
Idle current	30 mA (typical)	
Temperature	Operating	0° to 40° C (32° to 105° F)
	Storage	-20° to 60° C (-10° to 140° F)
Humidity (non-condensing)	Operating	Up to 80% RH
	Storage	Up to 90% RH
Case material	ABS plastic	
Dimensions (LxWxH)	152 x 72 x 22 mm ( 6.0 x 2.8 x 0.9 in)	
Weight	90 g (3.2 oz)	
Cable length straight	RS-232C	2000 mm (6.5 ft)
Connector (std)	RS-232C	DB9 female (external power pack needed)
	Omron PLC/ Touchscreen	DB9 male (no power pack needed)
Trigger modes	Manual/RS-232C	
Interfaces supported	RS-232C, Omron PLC/Touchscreen	
Configuration	Over 300 programmable parameters	

## ■ General Mechanical Specifications

Item	Description
<b>Performance parameters</b>	x = 13 mils @ 0.9 PCS, contact, flat surface
<b>Skew (<math>\alpha</math>)</b> 	$\alpha_1 = 10^\circ$ max (forward) $\alpha_2 = 30^\circ$ max (reverse) $\beta = 0^\circ$ $\theta = 0^\circ$
<b>Pitch (<math>\beta</math>)</b> 	$\alpha = 0^\circ$ $\beta = \pm 10^\circ$ max $\theta = 0^\circ$
<b>Rotation (<math>\theta</math>)</b> 	$\alpha = 0^\circ$ $\beta = 0^\circ$ $\theta = \pm 10^\circ$ max

## ■ Symbolologies

WPC: EAN (EAN 13, EAN 8), UPC (UPC-A, UPC-E), Code 39, Codabar, Standard 2 of 5, Code 128, Code 93

MSI: Plessey, Industrial 2 of 5, Interleaved 2 of 5, ISBN, ISSN Matrix 2 of 5, IATA, Trioptics, Italian Pharmaceutical

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ALL DIMENSIONS SHOWN ARE IN MILLIMETERS. To convert millimeters into inches, divide by 25.4

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