

High Speed CCD Scanner V520-LHA7127

- 700 scans per second.
- 32-Bit microprocessor operation.
- High performance in an ultra-small package.
- Integrates easily into new equipment.
- 100% solid state design provides performance & reliability.
- Fully programmable.
- RS-232C interface.



Ordering Information

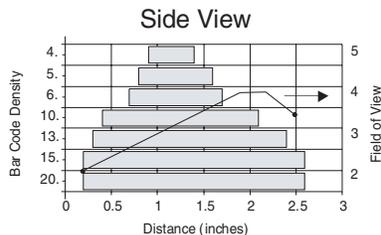
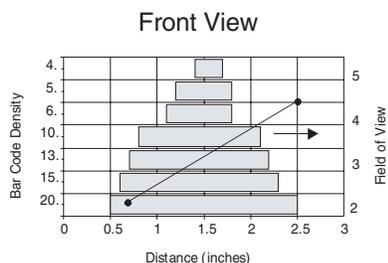
Item	Model
High Speed CCD Scanner for computers	V520-LHA7127-C
High Speed CCD Scanner for PLC/touchscreens	V520-LHA7127-P

Specifications

■ General Specifications

Item		Description
Scan speed		700 scans/second
Decode speed		700 decodes/second
Label speed		Ladder: 1080 ft/min, Fence: 198 ft/min (10.4 mil, UPC-A, PCS=0.9)
Light source		Red LED, $\lambda=660$ nm
Image sensor		Linear CCD
Resolution		0.13 mm at PCS 0.9
Min PCS value		0.45
Focal point		Front view: 35.4 mm (1.4 in), Side view: 30.5 mm (1.2 in)
Operating voltage		5 VDC $\pm 10\%$
Current (max)		Operating: 5 VDC $\pm 5\%$, Standby: 150 mA, Surge: 3 A max
Operating current		220 mA max/158 mA typical
Temperature	Operating	0° to 40° C (32° to 104° F)
	Storage	-10° to 60° C (14° to 140° F)
Humidity (RH, non-condensing)	Operating	20 to 80%
	Storage	20 to 90%
Regulatory		CE Certified, ISO9002 certified mfg.
Case material		Steel
Dimensions (LxDxH)		Front: 47 x 55 x 20 mm (1.9 x 2.2 x 0.8 in) Side: 52 x 55 x 20 mm (2.0 x 2.2 x 0.8 in)
Weight		100 g (3.5 oz)
Interfaces supported		RS-232C, Omron PLC/touchscreen

■ Depth of Field



PCS=0.9

■ Symbolologies

Code 39
 Code 93
 Code 128
 EAN-8 inc. +2, +5
 EAN-13 inc. +2, +5
 IATA
 Industrial 2 of 5
 Interleaved 2 of 5
 MSI
 NW-7
 UPC-A inc. +2, +5
 UPC-E inc. +2, +5
 JAN

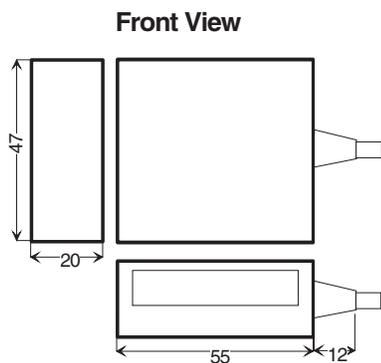
■ Pinouts

DB9 Male Connector for Omron PLC/touchscreen

Pin	Function
1	—
2	RXD
3	TXD
4	Connected to 5
5	Connected to 4
6	+5V
7	—
8	—
9	Signal Ground

Dimensions

Unit: mm



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



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