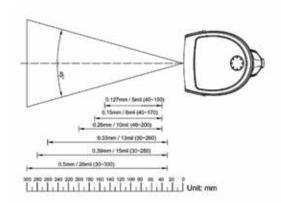# CHAMPTEK®

LG610

BUDGET
FRIENDLY

General Purpose Laser Barcode Scanner

The LG610 is a brand new general purpose gun-type laser barcode scanner which is designed especially for the retail and logistics markets. It includes friendly functions and replaceable interface cable options. The LG610 features a modern design and supports reading a range up to 11.8" (300mm) for the majority of 1D barcodes and GS1 DataBar™ codes. In short, the LG610 is a high performance gun-type laser scanner, which provides customers with the most cost-effective solution in the market, that is suitable in any retail and logistics applications.

- Supports most 1D barcodes and GS1 DataBar codes.
- Supports automatic detection and wake-up reading mode.
- Up to 11.8" (300mm) reading distance (20mil/0.5mm@code39 pcs90%).
- 3 in 1 Combo interface is selectable by replacing cable.
- Supports Batch transmission mode.
- Memory capacity stores up to 30,000 inputs of EAN13 barcodes.
- Features IP42 sealing protection.

Specifications		LG610
Performance		
Light Source		Visible Red Light 650nm ± 10nm
Sensor		Photo Diode
Processor Type		32-bit
Operating Frequency		8 MHz
Scan Speed		Up to 50 Scans per Second
Reading Distance		From Contact Up to 300mm @ 20mil / 0.5mm, PCS 90%
Depth of Field		Up to 11.8" (300mm) @ 20mil / 0.5mm, PCS 90%
Print Contrast Ratio		30%
Minimum Resolution		5mil / 0.127mm @ PCS 90%
Reading Angle	Pitch	± 5º ~ 60º (± 5º)
	Scew	± 5º ~ 60º (± 5º)
	Test Conditions	Code 39, 10mil / 0.25mm, PCS 90%
Ambient Light		Up to 5,000 Lux.
Reliability		
MTBF (Calculated)		40,000 Hours Minimum
Cable Bending Test		25,000 Times Minimum (30 Times per Minute @ 500g / 90º)
Drop		59 Inches (150cm) Drop on Concrete Surface
Environmental		
Temperature	Operating	32° ~ 122° F (0º ~ 50º C)
	Storage	- 4° ~ 158° F (- 20º ~ 70º C)
Humidity (Non-Condensing)		20% ~ 95% RH
Readable Symbologies		All UPC / EAN / JAN / EAN128 Code / Code 39 / Code 39 Full ASCII / Code 32 Italian Pharmacy / Code 128 / CODABAR/NW7 / Interleave 25 / Industrial 25 / Matrix 25 / MSI/PLESSEY / Telepen / Code 93 / Code 11 / China Postage / Code 26 / GS1 DataBar
Physical		
Material		ABS and Rubber
Dimensions	Scanner	2-3/4"W x 2-5/8"H x 6-5/8"D
	Stand	3-15/16"W x 8"H x 6-5/16"D
Weight	Scanner	4.34 oz. (123g)
Cable Length		5 Feet (150cm)
Warranty		2-Year Manufacturer's Warranty

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