LMP-L6-HD

High performance & High protection
Wired 2D Barcode Scanner

LMP-L6-HD(High density)；

LMP-L6-HHD (Ultra high density); LMP-L6-DP (Difficult DPM)

LMP-L6 is a high performance and high protection 2D scanner based on advanced image decoding technology. It has the highest IP68 protection level in the industry, whether in a factory, warehouse, dock, or working environment in high cold and high humidity, it can with ease. It integrates a megapixel engine and a variety of well-designed lenses and lighting systems, which can scan complex barcodes such as laser engraving barcodes, worn barcodes and high-density barcodes. Therefore, LMP-L6 is very suitable for occasions with high scanning requirements, high intensity and complex use environment, such as manufacturing, large warehouses, docks, cold chains and so on.

Product features

- Excellent decoding ability and ultra-high sensitivity;

- Good at scanning DPM carved barcodes, worn barcodes, highly reflective bar codes, high-density barcodes, miniature barcodes and other difficult barcodes;

- The industry's highest dust and water proof – IP68, which can adapt to harsh working environment;

- Good ergonomic design, for long-time working;

- Unbreakable fuselage, excellent anti-fall and seismic design;

Application

- **Manufacturing, such as electronics, machinery and automobile manufacturing**

  With the megapixel high-resolution engine and a variety of well-designed lenses and lighting systems, LMP-L6 can not only read any standard 1D and 2D barcodes, but also read various difficult barcodes frequently encountered in manufacturing industry.

- **Warehousing and logistics**

  It can scan efficiently both in poorly lit warehouses and outdoors in direct sunlight.

- **Cold chain and wharf**

  In cold temperature,LMP-L6 can be competent

- **Other occasions where bar codes are complex or use environment is complex**

Parameters

Power

Voltage	DC5±0.25V
Current	LMP-L6-HD: 420mA (Max) 　　　　　120mA (Standby) LMP-L6-DP: 450mA (Max) 　　　　　120mA (Standby)

Performance Ability

Lighting & Aiming	LMP-L6-HD:White or Red Lighting, Red LED Aiming LMP-L6-DP：Automatic multi-color LED Lighting, Red Laser Aiming
Resolution	Million pixels
Scan Angle	±70°、±70°、360°（Skew、Pitch、Roll）
Contrast	≥20%
Code Resolution	LMP-L6-HD：1D≥3mil　　2D≥4mil LMP-L6-DP：1D≥3mil　　2D≥4mil LMP-L6-HHD: 1D≥2mil　2D≥3mil
Scan Ability	Printed、Spraying、DPM、screen code
Code Types	**2D：** QR Code，Micro QR，Data Matrix，PDF417，Micro PDF417， Aztec，Maxicode **1D：** UPC-A，UPC-E，EAN-13，EAN-8，ISBN/ISSN，code 39，Code 39（Full ASCII），code 32, Interleave 2 of 5，Industrial 2 of 5，Matrix 2 of 5，IATA 25，Codebar，Code 128，Code 93，Code11 cMSI/Plessey，UK/Plessey，UCC/EAN 128，Composite Code -A/B/C，GS1 DataBar（RSS）etc

Communication Method

Interface	USB-HID ， USB-COM ， P/S2，RS232, Ethernet, PROFINET
Trigger Mode	Manual, Consecutive Scanning, Auto-sensing
Cable Length	Standard: 2 meters USB cable
Alert Mode	Buzzer (volume and tone adjustable), LED light, vibrator

Material & Environment

Shield Materials	Bi-color：ABS+PC/TPU； Single：ABS； Transparent：PC ； Waterproof ring：Silica gel
Scan Window	Scratch-resistant toughened glass
Temperature	-20℃~55℃（Working） -40℃~70℃（Storage）
Humidity	5%~95%（Non-condensing）
Luminance	0~100,000LUX
Dust & Water Proof	Scanner：IP68
Shock Proof	Withstand multiple drops from 2.5 meters to concrete surface
Setting Method	Scan setting barcodes

Security Certification

certification	CE，ROHS

Others

Optional Accessories	**Data Cable**: RS232, P/S2 , etc **Module and power supply**: RS485 module, Ethernet module, PROFINET module and power adapter **Mounting accessories**: wall mount bracket