LazerData® 11000 Ultracompact Laser Scanner

Economical, Rugged and Smart. We Packed Alot into a Very Small Space

- **Built-in decoder with rugged industrial housing**
- **Ultracompact design**
- **Reads at up to 11.8" (30.0 cm) with a 10.2" (25.9 cm) depth of field**
- **Direct or 90° reading position**

The LazerData® 11000 is built to respond to your most demanding real-world applications. This ultracompact innovation is tough, cost-effective and as important, easy-to-use on the job.

Built to be tough but also sized to fit in just about any orientation, the LD11000 is a highly flexible and reliable addition to your scanning system.

The Technology
Superior reading capabilities are assured by the LD11000's combination of a digital preprocessor, a high-speed computing microprocessor, and powerful decoding software. And with the LD11000's advanced optical system, you'll get outstanding performance in any reading condition and with any bar code symbology.

Set up procedures are completely controlled by LDHost, a simple and user-friendly, Windows® based configuration program. Installation is extremely simple and flexible because of the LD11000's compact dimensions of 3.31" x 2.68" x 1.34" (8.4 x 6.8 x 3.4 cm) and the ability to choose between direct and 90° scanner orientation.

The Performance
The LD11000 reaches a maximum scanning speed of 800 scans per second and can read bar codes with resolution as small as 6 mils. The maximum reading distance is 11.8" (30.0 cm) with a 10.2" (25.9 cm) depth of field.

It will also decode multiple bar codes with identical data content as individual codes instead of reading as only a single bar code.

All this can happen in the most aggressive environments thanks to the rugged, IP65 industrial housing and solid construction.

The Smart Solution
The LD11000 assures maximum scanner performance with a minimum amount of space. You get remarkable reading and decoding performance, outstanding cost-effectiveness and the secure knowledge that PSC, a world-leader in bar code scanning systems, is behind you.

Ideal For
- *Packaging machines*
- *Chemical and biomedical analysis equipment*
- *Automation machines*
- *Small conveyors*
- *Automatic document handlers*
- *Quality control systems*

PSC

EXPANDING TECHNOLOGY. FOCUSING SOLUTIONS.

LazerData® 11000 Ultracompact Laser Scanner

S P E C I F I C A T I O N S

MECHANICAL

Dimensions	3.31 x 2.68 x 1.34" (8.4 x 6.8 x 3.4 cm)
Weight	12.3 ozs. (350 g)

ENVIRONMENTAL

Temperature rating	
• Operating	32° to 104° F (0° to 40° C)
• Storage	4° to 158° F (-20° to 70° C)
Humidity	90% non condensing
Shock	IEC 68-2-27 test EA 30 G; 11 ms; 3 shocks on each axis
Vibration	IEC 68-2-6 FC 1.5 mm; 10 to 55 Hz; 2 hours on each axis
Enclosure	Aluminum

ELECTRICAL

Power	
• Supply	10 to 30 VDC
• Consumption	4 Watts
Operating modes	On Line; Serial on Line; Automatic; Test; Verifier
LED indicators	Power/TX; Laser On; Good Read; Sensor On

OPTICAL

Light source	670nm Visible Laser Diode (VLD)
Scan rate	350/600 scans/sec. (nominal)
Scan angle	56°
Reading distance	11.8" (300 mm) max.
Depth of field	10.2" (254 mm) max.
Resolution	6 mils (0.15 mm) max.

COMMUNICATIONS

Programming method	Via serial port (LDHOST)
Interfaces (model dependent)	RS232; Dual RS232; RS232 & 422; RS485; 20mA C.L.; others upon request
Baud rate	150 to 19,200
Input signal	Presence sensor (Optocoupled NPN/PNP transistor)
Output signals (model dependent)	No read; Right read (Optocoupled NPN transistor open collector and emitter)

DECODING CAPABILITY

Bar Codes
22 readable types include:

- UPC/EAN
- Code 128 / EAN 128
- Code 39
- Code 93
- 2/5 Family

Multilabels
Up to 6 different codes in the same presence sensor phase

SAFETY / REGULATORY

Electrical	UL; cUL (E136420)
Emissions	FCC Class A; EN 55022-B; VCCI-2; AS/NZS 3548
Protection	IP65
Laser classification	IEC 825 Class 2; CDRH Class II (CAUTION: Laser Radiation – do not stare into beam)
Laser control	Security system to turn laser off in case of motor slow down or failure

Specifications subject to change without notice.
For further information, contact your PSC representative.