

SLAMTEC

# SLAMTEC LPX - T1

A New Generation Of Medium Range Laser Ranging Radar



20000

20K/S  
Laser Ranging  
Sampling



IP67  
Protection  
Class



Industrial  
Grade  
Performance



Strong Light  
Resistance  
Indoor & Outdoor  
Availability



TOF  
Ranging  
Technology

Class 1

Class I  
Laser Safety  
Standard

# SLAMTEC LPX - T1

A New Generation Of Medium Range Laser Ranging Radar



Industrial grade performance  
IP67 protection class



Suitable for industrial applications,  
AGV Robot simultaneous  
localization and mapping



Interfaces and dimensions  
are compatible with  
mainstream solutions



## Performance

|                    |             |                             |   |
|--------------------|-------------|-----------------------------|---|
| Model              | T1M1        | Resistance To Ambient Light | 80,000 lux                              |
| Ranging Technology | TOF         | System Voltage              | 12V                                     |
| Measuring Range    | 0.05m - 40m | System Current              | 200mA - 220mA                           |
| Sampling Frequency | 20K         | Power Consumption           | 4W                                      |
| Angular Range      | 270°        | Dimensions                  | 60 x 73 x 85 mm                         |
| Rotational Speed   | 20Hz - 40Hz | Weight                      | 264g                                    |
| Angular Resolution | 0.36°       | Temperature Range           | -20°C - 50°C                            |
| Range Resolution   | 13mm        | Output                      | ETHERNET UDP<br>Ethernet (802.3/802.3u) |

**SLAMTEC**

**Shanghai SLAMTEC Co., Ltd.**

E-201 Shengyin Tower, 666 Shengxia Rd.,

Shanghai, China

Tel: (+86) 021-68581569

E-mail: sales@slamtec.com

Web: <http://www.slamtec.com/en>