

SLAMTEC

LPX^{E3}

Industrial Field Monitoring Lidar



40 m

Distance
measuring range

40 m

Working field
range

20 Hz

Integrated
field
monitoring
system

64 ↑

Field sets

≥80

Klux

* Specific parameters may vary depending on the chosen model.

Field sets are only applicable to models with the integrated SLAMTEC's field monitoring application.

Shanghai Slamtec Co., Ltd.

www.slamtec.ai



Shanghai

Tel: (+86) 400-900-9557
E-mail: info@slamtec.com
Address: 5F, Building K, Poly Green
Square, 188 Liaoyang Rd., Shanghai

Shenzhen

Tel: (+86) 18718670356
E-mail: sz@slamtec.com
Address: Room 1707, North Tower,
Zhongdian Great Wall Building, Nanshan
District, Shenzhen

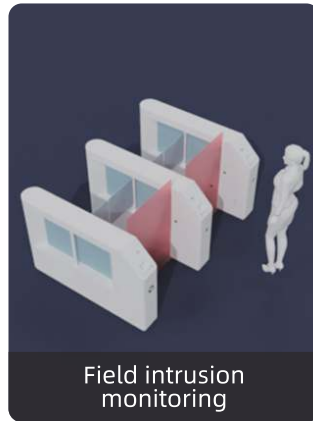
◆ Integrated real-time field monitoring system with multiple output formats

◆ Exclusive ScanDesigner Configuration Software, Professional and User-friendly

◆ 64 Monitoring Field Sets, Industrial Standard, High Reliability

◆ 10 Years of R&D Research, Your Preferred Partner

◆ LPX-E3 Series Applications



◆ Product Specification

Model	E3X1	E3X2
Scanning Radius	0.05 - 25m (Recognition (≥70% Reflectivity)) 0.05 - 10m (Warning (≥10% Reflectivity)) 0.05 - 4m (Alarming (≥2% Reflectivity))	0.05 - 40m (Measurement (≥70% Reflectivity)) 0.05 - 40m (Recognition (≥70% Reflectivity)) 0.05 - 15m (Warning (≥10% Reflectivity)) 0.05 - 5m (Alarming (≥2% Reflectivity))
Blind Range	0.05m	
Sampling Rate	20Hz	10/15/20Hz
Angular Resolution	0.225° @20Hz	0.1125° @ 10Hz 0.17° @ 15Hz 0.225° @ 20Hz (Typical)
Field Monitoring Data Output	IO PNP / RS485 / Ethernet	
Number of Field Sets	64 Field Sets @ 20Hz	64 Field Sets @ 20Hz (Typical)
		48 Field Sets @ 15Hz
		32 Field Sets @ 10Hz
Simultaneous Field Sets Monitoring	1 (incl. 3 fields)	
Communication Interface	USB Type-C	
Point Cloud Outputs	NIL	Ethernet / Serial
Range Resolution	10mm	
Measurement Accuracy	± 30mm	
Operating Temperature	0°C~50°C	

Remarks: The sensor does not constitute a safety component as defined by relevant legislation on machine safety
 *X represents the N, P, S, R, C, D, T, and E series