

# safety light screens don't get any easier.



## **EZ-SCREEN®**

**Affordable, advanced safety light screens so easy, it's curtains for the competition!**

### • **Easier to install.**

- ▶ Simple two-piece system; no control boxes.
- ▶ Flexible mounting from ends or sides.
- ▶ Cascading models combine up to four systems for single stop command.
- ▶ Fixed Blanking via TEACH; Reduced Resolution via DIP-switches.



### • **Easier to set up.**

- ▶ Conveniently sets up without a PC, external devices or disassembly.
- ▶ LED Zone Indicators display clear and aligned, blocked or mis-aligned beams.
- ▶ Selectable scan codes minimize crosstalk between adjacent light curtains.
- ▶ Flexible wiring scheme allows for "swappable" emitters and receivers.



### • **Easier to operate.**

- ▶ Numeric diagnostic codes make setup and troubleshooting fast and accurate.
- ▶ Ultra-fast response times.
- ▶ Superior reliability with robust all metal housing.
- ▶ Point-of-operation for finger or hand detection (14 mm or 30 mm models).
- ▶ Perimeter guarding up to 70 m through Grid (2-, 3-, or 4-beam), or Point systems.

### • **Low-cost, Type 2 systems.**

- ▶ For lower risk applications such as bump, bruise, abrasion or knockdown.
- ▶ Meets Type 2 requirements per IEC61496-1/-2 Category 2 per EN954-1.
- ▶ Trip (auto reset) or latch (manual reset) models.
- ▶ Clear, easy-to-read LED diagnostics.
- ▶ 30 mm resolution, 15 m range.

**NEW!**

[www.bannerengineering.com/ezscreen](http://www.bannerengineering.com/ezscreen)

**1.866.816.5186**



**the machine safety specialist**

[bannerengineering.com](http://bannerengineering.com)

# EZ-SCREEN®

A versatile family of guarding solutions.



### Point of operation.

Finger, hand or ankle detection at the point of operation of the machine using 14 mm or 30 mm EZ-SCREEN.



### Area.

Guard around a hazardous area by mounting horizontally without requiring safety mats or an area scanner. Latch output of a 30 mm EZ-SCREEN requires a manual reset when area is cleared.



### Perimeter.

Guard multiple sides around a dangerous area up to 70 m in length with EZ-SCREEN Grid or Point Systems and optional corner mirrors and mounting stands or up to 18 m with 30 mm resolution models.



### Long range single sided.

Depending on the resolution required, EZ-SCREEN Grid Systems can be used to provide 2, 3, or 4 beams with beam spacing from 300 to 584 mm.



### Single point access.

The EZ-SCREEN Point System can be used with angled mirrors to simulate a two-beam system. Multiple EZ-SCREEN Point Systems can be used to create a custom beam pattern specific to your application.



### Minimal consequence, Type 2.

An inexpensive solution for lower risk situations where the result of an accident is only a slight injury.



Q&A: Type 2 vs Type 4



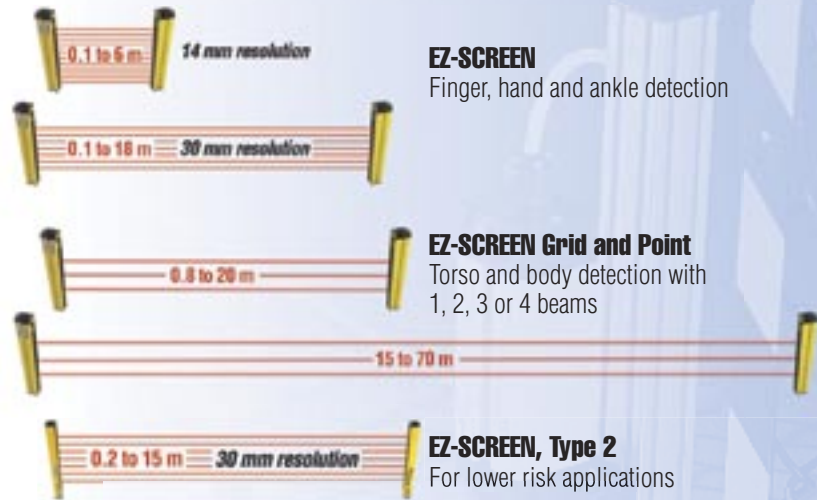
[www.bannerengineering.com/ezscreen](http://www.bannerengineering.com/ezscreen)

### Banner Engineering Corp.

9714 Tenth Avenue North • Minneapolis, Minnesota 55441 • (763) 544-3164 • Fax: (763) 544-3213  
[www.bannerengineering.com](http://www.bannerengineering.com) • e-mail: [sensors@bannerengineering.com](mailto:sensors@bannerengineering.com)

P/N 123245

Ranges & resolutions that match your needs.

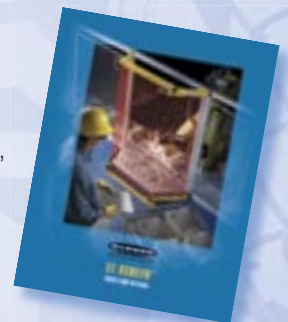


Complete systems starting at \$525!



### EZ-SCREEN brochure.

An in-depth brochure describing the entire EZ-SCREEN product line including detailed product descriptions, model selection charts, applications, accessories and specifications. Request P/N 73111 or download at [www.bannerengineering.com/ezscreen](http://www.bannerengineering.com/ezscreen).



**BANNER**  
the machine safety specialist

Printed in USA