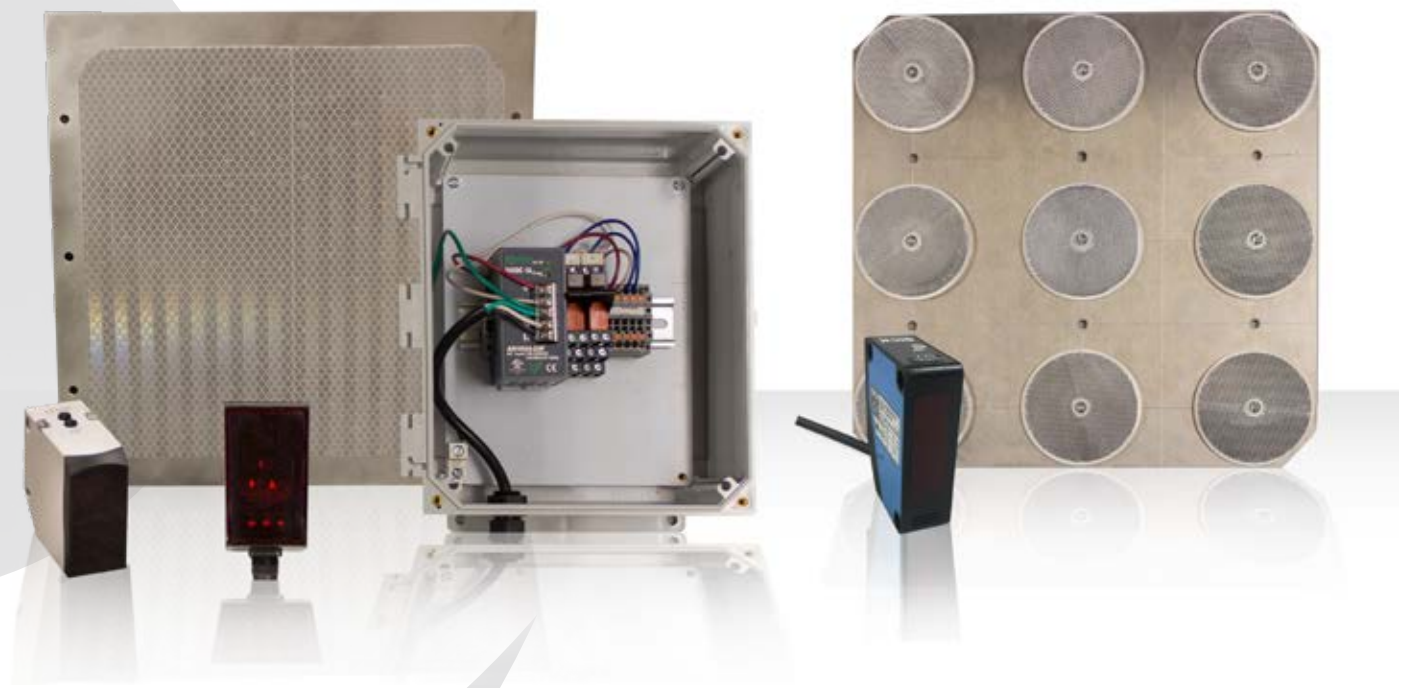


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# BridgeGuard™

## Collision Avoidance Systems



**CONDUCTIX**  
wampfler  
© DELACHAUX GROUP

# What is BridgeGuard™

**Conductix-Wampfler Collision Avoidance Systems** prevent crane-to-crane and crane-to-end collisions. The equipment works with all types of cranes to ensure personnel safety, protect facility infrastructure, and increase the lifespan of the crane.

## Pro offers a dual stage system with slow then stop, plus an analog output for various purposes



**BridgeGuard Pro**

- 3 ft to 150 ft range
- Time-of-Flight technology
- Visible laser red light (class 1)
- IP69K rated for indoor and outdoor use
- 100 – 240 VAC voltage supply
- Switching output: relay
- Relay output max voltage: 24 VDC or 250 VAC
- Rated maximum current: 16A
- Analog output current: 4mA to 20mA
- Compliant with IEC 60068-2-6:2007
- Each system includes sensor equipped with bracket and 32 feet of cable, and a 12"x12" reflector.
- Optional control panel enclosure for mounting outside an existing control panel.

Model	Part No.
Pro	XA-579718
Pro with enclosure	XA-579414

## Plus is a dual stage system allowing for slow then stop functions.



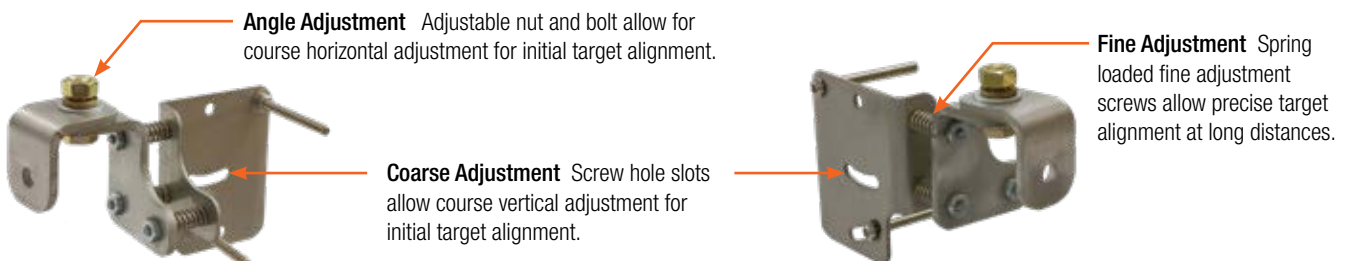
**BridgeGuard Plus**

- 3 ft to 115 ft range
- Time-of-Flight technology
- Visible laser red light (class 1)
- IP67 rated for indoor and outdoor use
- 100 to 240 VAC voltage supply
- Switching output: relay
- Relay output max voltage: 24 VDC or 250 VAC
- Rated maximum current: 16A
- Compliant with IEC 60068-2-6:2007
- Each system includes sensor equipped with bracket, 32 feet of cable, and a 12"x12" reflector.
- Optional control panel enclosure for mounting outside an existing control panel.

Model	Part No.
Plus	XA-579716
Plus with enclosure	XA-579413

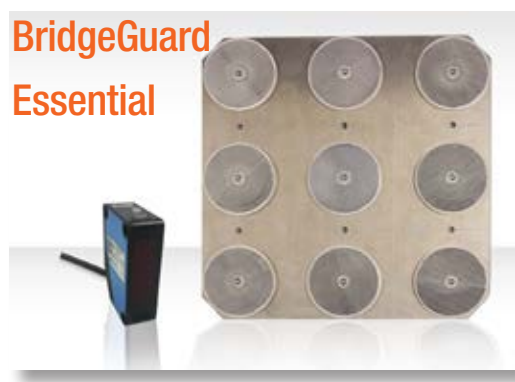
## Pro and Plus Custom Mounting Bracket

The Pro and Plus systems come standard with a custom mounting bracket. This bracket allows for quick and easy installation and three-directional adjustment for precise sensor alignment.





**Essential is an economical and efficient single stage system perfect for single stopping action**



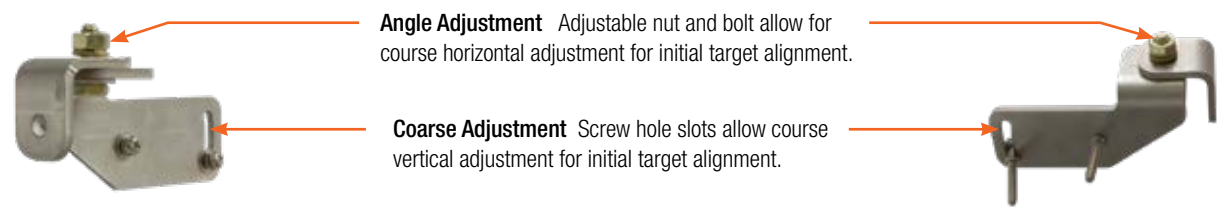
- 3 ft to 50 ft range
- Highly visible red BrightLight\* LED
- IP66 rating for indoor only
- 24 to 240 volts DC or AC voltage supply
- Switching output: relay (electrically isolated)
- Relay output max voltage: 30 VDC or 240 VAC
- Maximum switching current: 3A
- Compliant with EN 61000-6-3 and IEC 60068-2-6:2007
- Each system includes sensor equipped with bracket, 6 feet of cable, and a 14"x14" reflector

Model	Part No.
Essential	XA-579394

\* Trademark of Bright Light LED, Inc., Canoga Park, CA

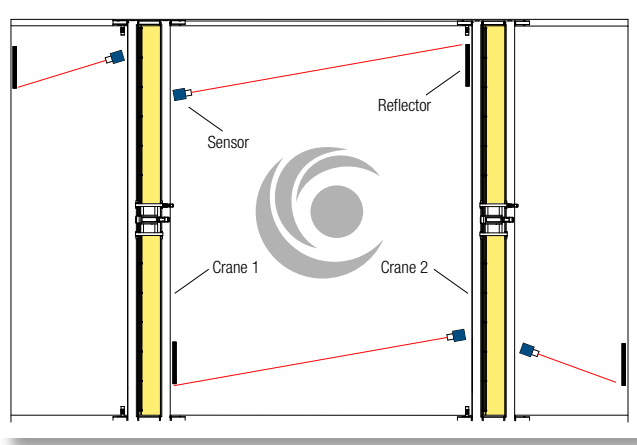
**Essential Custom Mounting Bracket**

Essential systems are equipped with a custom mounting bracket for easy installation and quick sensor alignment.

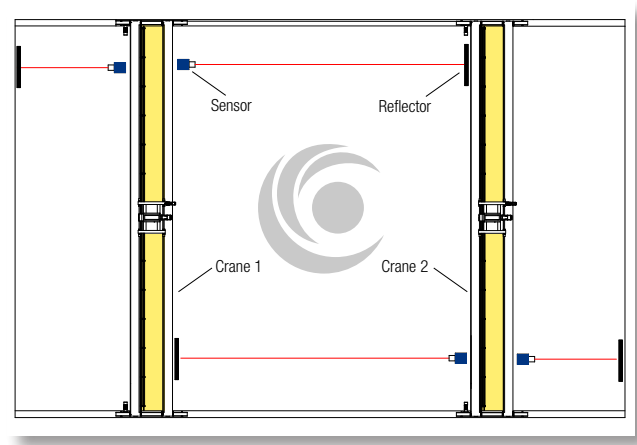


**Sample Layouts**

**Essential**



**Plus and Pro**



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