

BridgeGuard™

Collision Avoidance Systems



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.



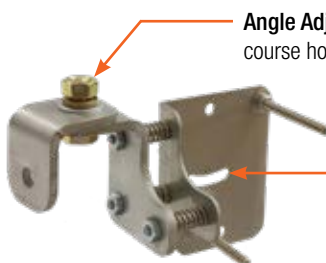
BridgeGuard Plus

- 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

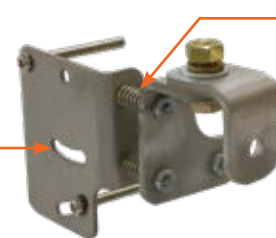
Pro and Plus Custom Mounting Bracket

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.



Angle Adjustment Adjustable nut and bolt allow for course horizontal adjustment for initial target alignment.

Coarse Adjustment Screw hole slots allow course vertical adjustment for initial target alignment.



Fine Adjustment Spring loaded fine adjustment screws allow precise target alignment at long distances.



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

**BridgeGuard
Essential**



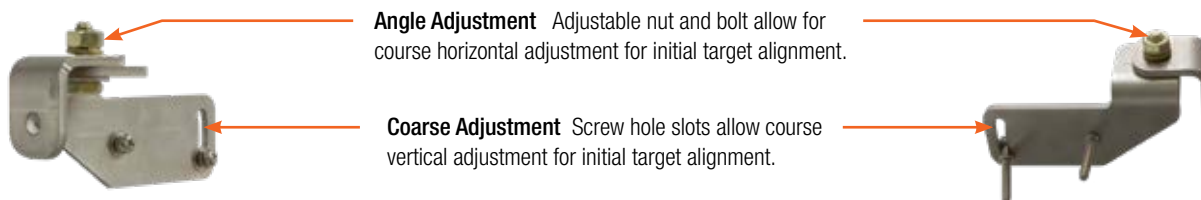
- 3 ft to 50 ft range
- Highly visible red BrightLight* LED
- IP66 rating for indoor only
- 24 to 240 volts DC or AC voltage supply
- Switching output: relay (electrically isolated)
- Relay output max voltage: 30 VDC or 240 VAC
- Maximum switching current: 3A
- Compliant with EN 61000-6-3 and IEC 60068-2-6:2007
- 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

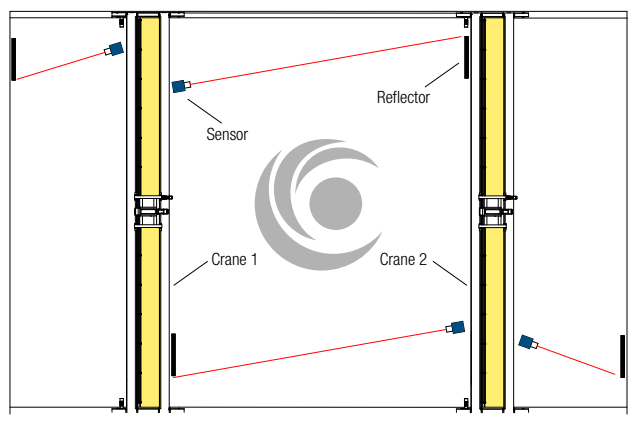
Essential Custom Mounting Bracket

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

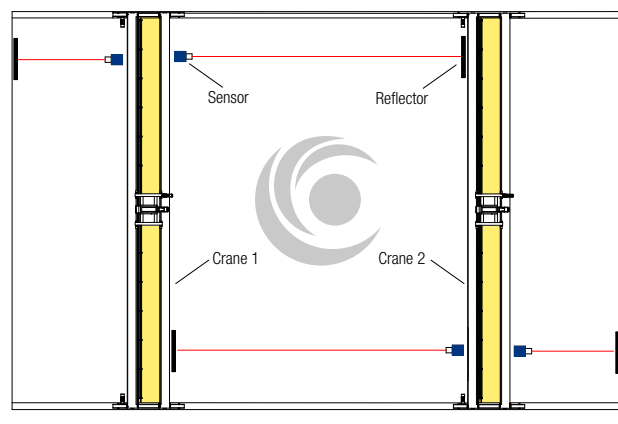


Sample Layouts

Essential



Plus and Pro



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