

BridgeGuard™

Collision Avoidance Systems



CONDUCTIX
wampfler

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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



- 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.

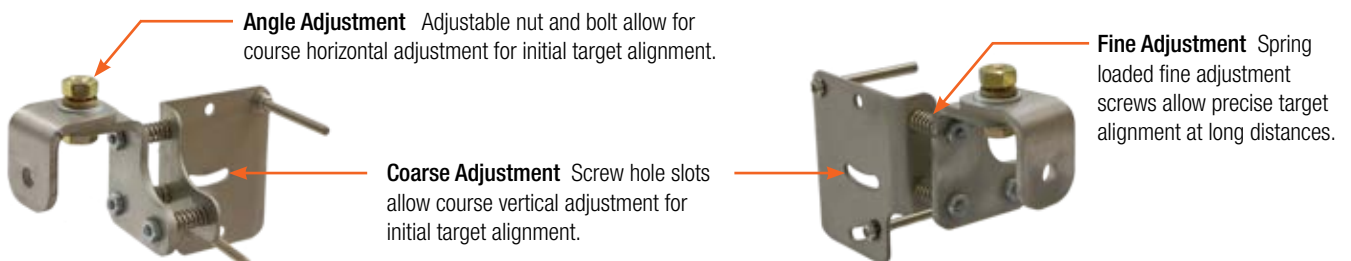


- 3 ft to 115 ft range
- Time-of-Flight technology
- Visible laser red light (class 1)
- IP67 rated for indoor and outdoor use
- 100 to 240 VAC voltage supply
- Switching output: relay
- Relay output max voltage: 24 VDC or 250 VAC
- Rated maximum current: 16A
- Compliant with IEC 60068-2-6:2007
- Each 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

BridgeGuard Essential



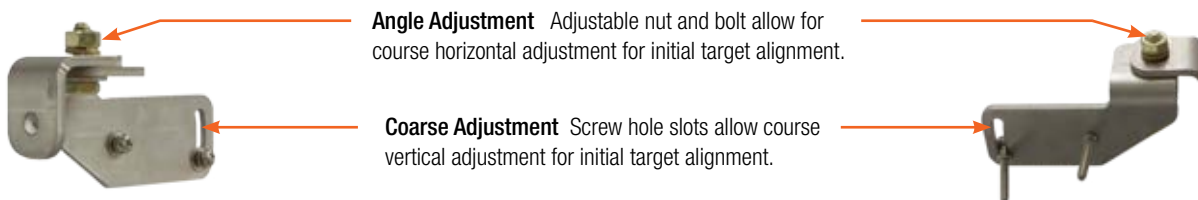
- 3 ft to 50 ft range
- Highly visible red BrightLight® LED
- IP66 rating for indoor only
- 24 to 240 volts DC or AC voltage supply
- Switching output: relay (electrically isolated)
- Relay output max voltage: 30 VDC or 240 VAC
- Maximum switching current: 3A
- Compliant with EN 61000-6-3 and IEC 60068-2-6:2007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

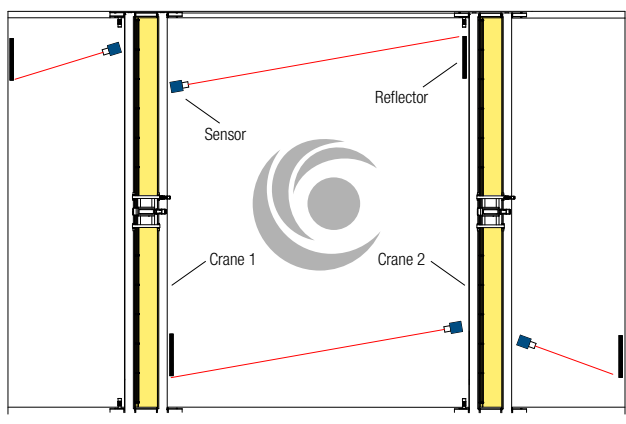
Essential Custom Mounting Bracket

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

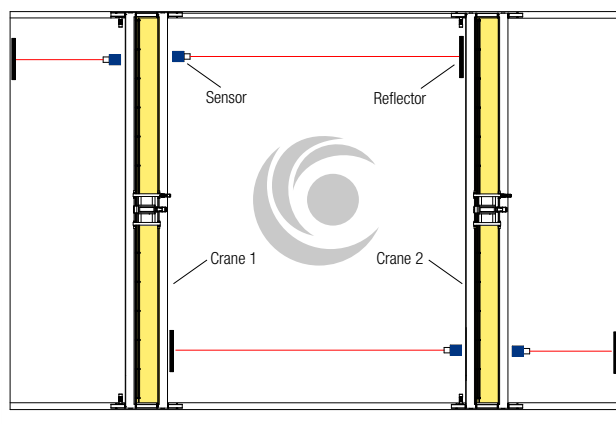


Sample Layouts

Essential



Plus and Pro



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