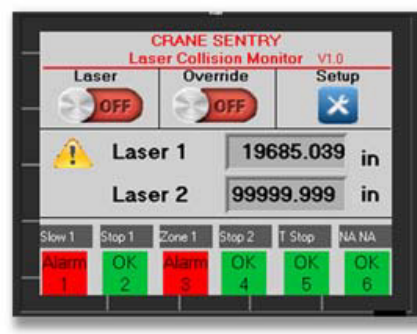


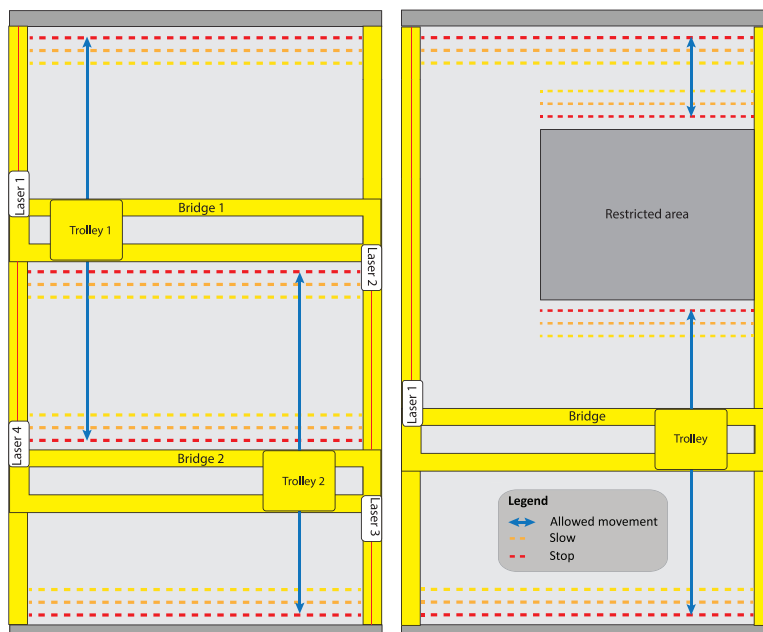
## What Does Crane Sentry Do?

- ⊕ Crane to Crane/crane to wall
- ⊕ Single axis restricted/No-Fly zone or warning regions
- ⊕ Skew Alarm
- ⊕ Configurable Relay outputs
- ⊕ Connects up to 2 lasers



### TWO LASER END LIMIT & COLLISION DETECTION

One laser aims at a fixed target, the other laser aims at the second crane. Similar to the first example, when crane approaches end limits, the slow speed and end stop alarms are triggered.



### RESTRICTED ZONE-MOTION CONTROL

One laser aims at a fixed target to make a single axis zone for alarming over high traffic areas and equipment.

## SOLUTION

# What makes Crane Sentry® better?

### PERFORMANCE

- ⊕ Up to 1/8" (3 mm) accuracy
- ⊕ Indoor/outdoor use
- ⊕ Up to 1640 ft (500 m) range
- ⊕ Operates with/without reflectors up to 328 ft (100 m)

### CONFIGURATION

- ⊕ Plug & play set up
- ⊕ Simple User Screen
- ⊕ Teach or enter set points
- ⊕ Configurable relay outputs

### FEATURES

- ⊕ Supports 2 lasers
- ⊕ Class 2 visible laser
- ⊕ Modular, versatile system
- ⊕ Crane to crane/wall modes

### INSTALL/MAINTENANCE

- ⊕ IP 65 protection
- ⊕ Low maintenance
- ⊕ Quick aim & set installation
- ⊕ Error code troubleshooting

GENERAL	
<b>Power Requirement</b>	110 VAC, 2.5 A
<b>Controller Enclosure</b>	Polycarbonate
<b>Display</b>	TFT LCD display
<b>Laser Sensors:</b>	
<b>Power Rating</b>	Cl 2 Eye safe laser
<b>Range</b>	100 meters natural target; 500 meters to reflective plate
<b>Accuracy</b>	3 mm std (1 mm upon request)
<b>Speed</b>	Up to 250 Hz.
<b>Target Speed</b>	300 ft/min - consult factory for faster cranes
<b>Environmental Rating</b>	IP65
<b>Operating Temp Range</b>	-40°C to +60°C upon request
<b>Target Material</b>	2 ft sq reflective plate when required
<b>Spot Size</b>	approx 30mm @100 meters
<b>Configuration</b>	6 programmable outputs, user configurable as restricted zones
<b>Outputs</b>	(8) NO/NC 8A relay contacts (6) User Configurable (2) Status outputs
<b>Inputs</b>	(1) 110 VAC master override option (6) individual alarm overrides (24 VDC)

## Highlights

- ⊕ Complete modular system includes up to 2 lasers
- ⊕ Quick aim & set installation, versatile application
- ⊕ Intuitive operation, simple troubleshooting
- ⊕ Rugged industrial package, low maintenance
- ⊕ Indoor/outdoor operation
- ⊕ Non-contact, eye-safe laser measurement
- ⊕ High accuracy, long range, competitive cost

