

SR-1

Unlock the Power of SR-1: Unmatched safety and efficiency.

Discover the unmatched safety provided by the SR-1. With a UL 1740 Certification and a PLd, Category 3 rating (EN13849), the SR-1 sets a new standard for safety. Our TUV Nord CMSE Risk Assessment on file further underscores our dedication to safety. Through its sophisticated worker detection capabilities, it ensures the utmost level of protection in hazardous areas, elevating the concept of safety in a collaborative environment to a whole new level.

Seamless integration is at your fingertips with the SR-1. Interface this exceptional solution effortlessly with any industrial safety relay, controller, or PLC using redundant relay or transistor outputs. It seamlessly integrates into your existing safety infrastructure, with validation and monitoring handled by the system integrator.

Powered by cutting-edge 3D stereoscopic sensing technology, the SR-1 offers advanced detection capabilities. It detects objects as small as 2"/50mm in diameter, even at high speeds of up to 2000mm/sec or greater. Enjoy comprehensive safety coverage and precise intrusion detection like never before.

The SR-1's enhanced responsiveness is a game-changer. With a rapid reaction time of just 250ms, it enables quick intervention and optimal worker safety. Expand the system effortlessly with up to six sensors and take advantage of its daisy chain functionality, providing unparalleled flexibility and scalability to meet your evolving needs.

SR-1 Benefits

Intelligent 3D Monitoring

Live Point Cloud technology adapts safety zones to dynamic movement.

3D Human Detection

Advanced 3D Time-of-Flight sensing provides complete protection, immediately detecting human presence.

Flexible Automation Safety

Ideal for collaborative cells featuring robots, AMRs, and human workers in complex production scenarios.

Scalable and Versatile Coverage

SR-1 scales effortlessly, covering extensive production spaces and multi-robot cells.

Seamless Integration

Seamless integration into existing automation setups, reducing downtime and operational disruptions.

Uncompromised Productivity

Intelligently monitors robot speed and movement, ensuring optimal efficiency and safety simultaneously.