

AI Eye Smart LOTO System

Worry free protection for
your manufacturing process



By accurately detecting the number of people entering and exiting the safety doors, the number of people remaining in the controlled area is calculated. Status signals are output to the actuator to prevent personnel trapping in hazardous areas in case of LOTO failure.

Function Highlights



Efficient Identification

Achieves high-accuracy recognition, capable of identifying entries and exits even in special cases such as multi-person parallel entry and close-proximity tailgating.



Non-intrusive Data Collection

Collects data automatically without adding management control processes.



Rapid Deployment

Controls complex areas with camera deployment only at safety door locations.



Data Interaction

Uses Modbus TCP protocol, supports data output.



Super Networking

Supports multi-channel networking judgment in controlled areas.

The AI Eye Smart LOTO System can be embedded seamlessly into your original safety instrumented system.

Main Components



Low focus camera



Edge computing device

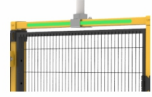


Electric cabinet with counting display and reset function

Optional Components



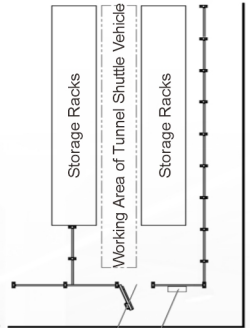
RACO-Elektrozylinder



Warning light

Example of Independent System

Automated Storage and Retrieval System

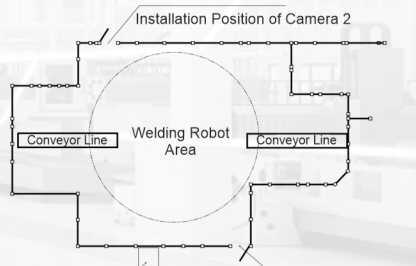


Installation Position of the AI Eye Smart LOTO System Camera

AI Eye Smart LOTO System Electrical Cabinet

Example of Signal Interaction

Welding Robot Station



AI Eye Smart LOTO System Electrical Cabinet

Installation Position of Camera 1

