



IR Safety Sensor Beams

A Smarter Safety Beam for Elevators, Doors, Automation, Gates, and Custom Equipment

MPD's IR Safety Sensor Beams are designed for customers who need dependable detection, flexible installation, and excellent value. With a working distance of up to 45 feet / 15 meters and MPD's proprietary sensing and detecting element that can automatically realign an unaligned beam up to 5 degrees, MPD offers a smart, practical solution for safety, access control, automation, and obstruction detection applications.

Published distributor pricing for Carlo Gavazzi photoelectric through-beam components varies widely, with examples including receiver pricing around \$163–\$230+ each and emitter pricing around \$78–\$194+ each, depending on model and distributor. This creates a strong opportunity for MPD to position its IR Safety Sensor Beams as a cost-effective, high-performance alternative for customers looking to reduce system cost without sacrificing reliability.

Applications

- Elevator doors
- Automatic doors
- Security gates
- Garage doors
- Industrial automation equipment
- Conveyor systems
- Access control systems
- Loading dock equipment
- Machine safety zones
- Custom OEM projects
- Parking systems
- Retail entrance protection
- Warehouse and logistics equipment
- With detection capability up to 45 feet / 15 meters

