



Sensing Edges & Bumpers

Sensing edges are touch-sensitive devices that protect hazardous zones. When the sensing edge comes into contact with an obstruction, a signal is sent to a motor to stop and/or reverse operation. The possibilities for applications are endless:

- Hangar doors
- Leading edge of motorized commercial doors, counter-top shutters, grilles, or gates
- Along the length of conveyors as an e-stop
- On the bumper of an AGV (automatic guided vehicle)
- As pinch point protection on machine applications



Photo Optics

The Miller Edge collection of thru-beam and retro-reflective photo optics feature infrared technology within rugged housings designed for a variety of environments. Both single beam photo eyes and multi-beam light curtains are available. When a light beam is interrupted, a signal is sent to a motor to stop and/or reverse motion. Common applications include:

- Motorized doors
- Motorized gates



Sensing Mats

Stepping on a mat signals machinery to stop, motors to reverse, and/or alarms to sound. Pressure sensitive mats can be used in many applications:

- Aircraft door/jet bridge guard
- Presence signaling
- Secure access areas
- Automated machine guarding
- Custom solutions

Miller Edge sensing mats are custom manufactured to your exact specifications for size and shape.



Airport Safety



Solutions for Automated Areas



About

Miller Edge is a privately held family business originally founded by Norman K. Miller. Following his honorable discharge from the US Army, Norman received a phone call from General Merrill Burnside requesting he develop a safety product for use on hangar doors at Wright Patterson Air Base in Ohio. Norman developed the product and was issued the first patent for an "Electrically Activated Safety Edge for Hangar Doors" in 1957. The Miller Edge product line has since grown to include both touch sensitive and non-contact sensing devices as well as related controls and accessories. Miller Edge products can be found on driveway gates, storefront grilles, mass transit vehicles, and in automated manufacturing plants. Our door and gate products comply with IBC-2009, ANSI/UL 325, CE, and OSHA standards.



SECURE AREAS & CONCESSIONS

Installed on the bottom edge of a motorized commercial or industrial door, Miller Edge Sensing Edges and Photo Optics provide the most positive form of entrapment protection for secure areas, including automated grilles and shutters.



BOARDING BRIDGES & LOADING EQUIPMENT

Pressure sensitive mats protect the aircraft door from damage caused by contact with the boarding bridge entry floor. Sensing edges and bumpers can also be used to minimize the risk of damage and injury caused by boarding and loading equipment, such as catering delivery.



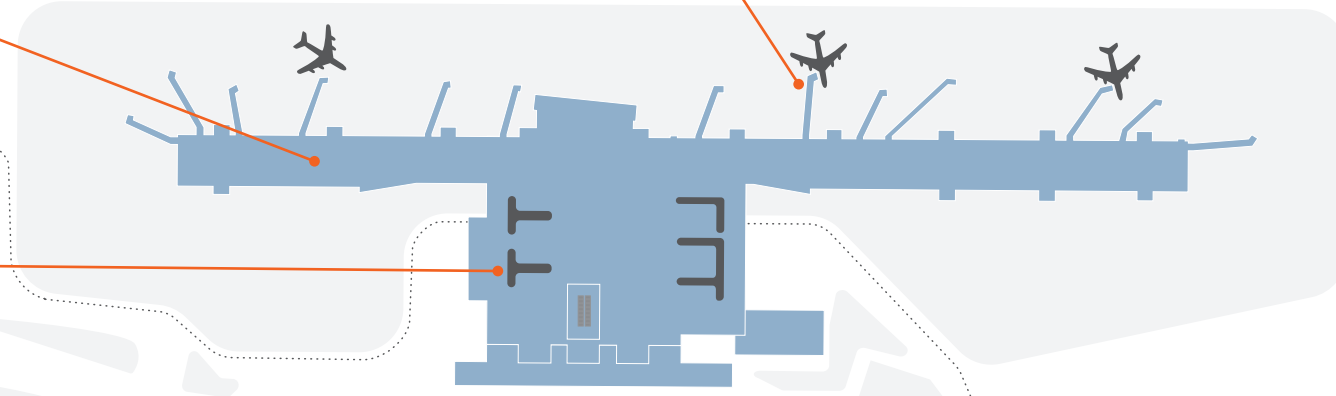
AIRCRAFT MAINTENANCE

Installed around the edges of boom lifts, scissor lifts, flying carpets, or aviation access platforms, Miller Edge Sensing Edges and Bumpers are manufactured to your exact specifications to minimize risk of damage to aircraft, equipment, or injury to maintenance personnel.



BAGGAGE HANDLING AREAS

Why risk injuries or damaged luggage? A sensing edge installed on the door signals it to reverse on contact with an obstruction, providing protection for personnel and baggage. Touch-sensitive signaling strips are also available and used as emergency stops for conveyors.



HANGAR DOORS

Custom hangar door sensing edges are manufactured to your exact specifications. Install on the leading edge of a sliding, vertical lift, or bi-folding hangar door or surround an aperture opening to minimize risk of injury and damage to aircraft or equipment.



PARKING LOTS & GARAGES

Increase personnel safety and minimize risk of property damage with sensing solutions by Miller Edge. A variety of sensing edges and photo optics are available to guard hazardous zones around motorized doors and gates.



FIRE STATION & LOADING DOCK DOORS

Used on overhead doors at fire stations and loading docks, Miller Edge Sensing Edges and Photo Optics dramatically increase safety and reduce the risk of damage. Airports benefit from reduced door repair cost and lower risk of vehicle damage, property damage, and personnel injury.



SECURITY GATES

Automated security gates are vital to keeping restricted areas secure. Increase daily safety and minimize risk of property damage with sensing solutions by Miller Edge. Sensing edges and photo optics are used to minimize risk as e-stops for automated gates.



SENSING SOLUTIONS FOR AUTOMATED AREAS



SENSING EDGES & BUMPERS



PHOTO OPTICS



SENSING MATS