July 2011
C-Gate Entry Systems, Ltd.
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Safety Devices

- **Emergency Stop Button, Roller Covers & Screening**
- **Safety "Bump" Edges (UL 325 Contact Sensors)**
- **Photo Eyes & Infrareds (UL 325 Non Contact Sensors)**
- **Vehicle Loop Detectors (Vehicle protection)**
- **Sealant, Loop Wire, Loop kits & Direct Burial Loops**
- **Fire Department Box & Stop / Go Traffic Lights**
- **S.O.S. & Click2Enter**
- **Warning Signs, Safety Tape, Beepers & Strobes**

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Safety Devices

Emergency STOP Button

- Stops the gate in case of an emergency.
- May also reset some gate operators when alarming.

Item	MSRP
STOP Button	$95

- NEMA 4 enclosure
- Interior or exterior use

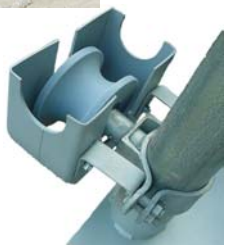
Cantilever Roller Covers

Top Roller Covers $160

- High Density Molded Plastic
- Set of Two

Bottom Roller Covers $190

- High Density Molded Plastic
- Set of Two with steel mounting hardware



Gate Screening Materials

Vinyl Coated Welded Wire Fabric

- 2” x 4” tall mesh by 48” tall
- Available in Black & Forest Green
- Can be shipped via UPS

Black (stock)	100’ roll	$300
	Per lineal foot	$4 / ft.
Green (Not in stock)	100’ roll	$400
	Per lineal foot	$5 / ft.

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Safety Devices

Safety "Bump" Edges (UL325 Contact Sensor)

- Designed for pedestrian Safety
- Stops or reverses the gate when the gate edge hits an obstruction.
- Can be mounted to either end of gate, on adjoining posts, etc.

Item	MSRP
Miller model ME-120 w/PVC channel	
4' Long Safety Edge – black **(stock item)**	$180
5' Long Safety Edge – black **(not stock, must order)**	$220

Miller Model ME-120 Safety Edges

Miller Edge makes many fine gate edges. We choose to stock the 4' long, ME-120, in black.

Any Miller edge can be quoted & ordered upon request.

Mounting Kit (weld or screw on) $24
(comes with self drilling screws)

Mounting Kit

Retractile Coil Cords w/ 6" lead

- 18 AWG/2 Conductor
- Eliminates the need for radio controls when used for small gates,
- Use for post mounted edges, etc.

12' Extended (2' retracted) – stock	$25
20' Extended (4' retracted)	$30

Typical Manufacturer's requirements:

Slide Gate — 5 edges required

Swing Gate — Both lateral sides of the bottom rail, inside & outside of the leading edge of the gate (and they still recommend Photo beams!)

VPL (Lift Gate) — Entire bottom of bottom rail and leading edge of gate panel.

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Safety Devices

Safety "Bump" Edge Radios & Kits (UL325 Contact Sensor)

Multi-Code Receiver & Transmitter

Item	MSRP
Safety Edge Radio Transmitter	
Multi Code	$120
LINEAR	$120
Tri-Code (Multi Code, Linear & Stanley)	$90
Single Channel Safety Edge Radio Receiver w/ Antenna 12 - 24 Volt ac/dc	
Multi Code	$100
LINEAR	$100
Tri-Code (Multi Code, Linear & Stanley)	$85
Two Channel Safety Edge Radio Receiver w/ Antenna 12 - 24 Volt ac/dc	
Multi Code	$140
LINEAR	$140
Tri-Code (Multi Code, Linear & Stanley)	$120

Tri-Code Receiver

Linear Receiver

Complete Sets

- Has edge, transmitter, single channel receiver & mounting kit
- Specify Linear or Multi-Code

4' Long Safety Edge Kit (stock item)	$424
5' Long Safety Edge Kit (not stock, must order)	$434

Dan the Gateman's comments:

I'm not a big fan of Bump Edges on the leading edge of a gate because the gate must hit an object before reversing. If that object happens to be a moving vehicle, the edge usually gets ruined In my opinion, they are adequate protection for pedestrians but should not be used in high traffic areas. A residence would be an okay place for a bump edge. On the tail of a slide gate, they are fine as the object they bump is rarely moving. Ditto on post mounting them to protect "pinch or entrapment" points.

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Safety Devices

"Smart" Safety "Bump" Edge Radios (UL325 Contact Sensor)

Item	MSRP
Safety Edge Radio Transmitter	
MGT Mega Code Transmitter	$140

MGT
Mega Code
Transmitter

Compatible with:

- AP-5 Receiver
- All Linear APeX gate operators
- RE-1 & RE-2 Tel Entry Devices
- AE-500 Tel Entry Device
- AE 1000 & 2000 PLUS Tel Entry Devices
- WOR Wiegand Output Receiver

Wireless Access Controller
"Smart" Radio Receiver w/ Antenna
12 - 24 Volt ac/dc

- Supports up to 6 MGT transmitters & edges
- Also supports up to 230 ACT-31B remotes
- Supports MDKP, wireless key pad

$162

AP-5
Mega Code
Receiver

Also Available:

- All Miller Edge Products
- Pneumatic safety devices
- Rubber Bump Edges (non sensing)

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Photo Eye & Infrared

Installation / application notes

For reliable operation:

	Max. Gate Opening (to use for gate path)	Max. Gate Opening size (to use for gate "tail")
Reflector Types:		
Enforcer "Mini Might" Infrared	26' opening	20' opening
Omron E3K photo beam	22' opening	18' opening
A/B 42 GRU photo beam	18' opening	15' opening
Send & Receive Types:		
Enforcer Infrared	70' opening	45' opening
Miller Invisi-Guard	26' opening	20' opening

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Safety Devices

Photo Eyes (UL325 Non-Contact Sensor)

- Stops or reverses the gate when an object is blocking the path of the photo eye.

Reflector Type (up to 26’ gate opening)

Item	MSRP
Enforcer “Mini Might” - 24 to 240 Volts AC / 12 to 240 Volts DC - With 3” reflector	$250
Complete “Kit” for installation - Includes reflector bracket - Up to 10’ of flexible conduit, fittings & wiring	$335

Reflector Type (up to 22’ gate opening)

Item	MSRP
OMRON model E3K - 24 to 240 Volts AC/DC - With 3” reflector	$270
Complete “Kit” for installation - Includes reflector bracket - Up to 10’ of flexible conduit, fittings & wiring	$360

Reflector Type (up to 18’ gate opening)

Item	MSRP
Allen Bradley 42 GRU - 20 to 40 Volts AC / 10 to 55 Volts DC - With 3” reflector	$335
Complete “Kit” for installation - Includes reflector bracket - Up to 10’ of flexible conduit, fittings & wiring	$360

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Safety Device Accessories

Reflectors & Reflector Mounting Brackets

Item	MSRP
3” Reflector	$14
▪ For use with OMRON, Mini Might or A. B.	
Reflector Mounting Bracket	$25
▪ For use with 3” photo eye reflector	
▪ Weld on or screw to square post	
Reflector Mounting Bracket (bolt on round post)	$45
▪ For use with 3” photo eye reflector	
▪ Specify 3” or 4” diameter post	

Hoodies for photo eyes & reflectors

Item	MSRP
Photo Beam “Hoodie”	
▪ With ELL bracket & bolt	
▪ Weld or screw on mounting	
Per Each	$50
Per Pair of two	$90

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Safety Devices

Photo Eyes (UL325 Non-Contact Sensor)

- Stops or reverses the gate when an object is blocking the path of the photo eye.

Send & Receive Type (up to 70' gate opening)

Item	MSRP
ENFORCER, Laser Aim, Dual Beam-Infrared - 12 or 24 Volts DC (12 vdc is best) - Requires power on **both sides of gate** - Laser beam on each for easy aiming & adjustment	$365
Complete "Kit" for installation - Includes reflector bracket - Up to 10' of flexible conduit, fittings & wiring	$680
Transmitter Only	$180
Receiver Only	$223
Replacement Cover (plastic)	$60
Filtered Power Supply (SMP-3) - For filtered 12 volt dc power	$90
Voltage Regulator - Steps down 24 vdc to 12 vdc for transmitter	$15
Solar Panel w/ battery to power transmitter - Supplies transmitter unit with 12 volts DC	$450

Mounting Brackets for Enforcer Infrared Beams

Item	MSRP	
Weld on Mount Bracket - Accepts ½" OR ¾" conduit fitting	$48	
3" Post Mount Bracket - Accepts ½" OR ¾" conduit fitting	$82	
4" Post Mount Bracket - Accepts ½" OR ¾" conduit fitting	$82	x

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Safety Devices

Photo Eyes (UL325 Non-Contact Sensor)

- Stops or reverses the gate when an object is blocking the path of the photo eye.

Send & Receive Type (up to 26' gate opening)

Item	MSRP
Invisi Guard by Miller Edge - Receiver operates on 10 – 30 volts DC - Transmitter last a year on 2 AA Lithium batteries - Audible alarm when battery power is low	$325
Complete "Kit" for installation - Includes reflector bracket - Up to 10' of flexible conduit, fittings & wiring	$570
Filtered Power Supply (SMP-3) - For filtered 12 volt dc power	$90
Voltage Regulator - Steps down 24 vdc to 12 vdc for transmitter	$15

Send & Receive Type (up to 60' gate opening)

Item	MSRP
ALEPH model HA 70 D - We currently use ENFORCER in lieu of these - Shown for replacement use ONLY - 12 to 24 volts DC only	$325
Bridge Rectifier - May be required if using with 24 volt AC control circuit.	$10
Filtered Power Supply (SMP-3) - For filtered 12 volt dc power	$90

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Vehicle Loop Detectors (for vehicular protection)

Loop Detectors, Single relay

- Single Relay, Fail Safe* Loop Detectors
- External Switching, Standard 11 Pin Octal Socket
  (sold without harness or base)

Item		MSRP
AX-4	12-24 AC/DC	$180

Specific Voltage detectors below are special order.

AX-23	12 volt DC	$180
AX-24	24 volt DC	$180
AX-7	24 volt AC	$180
AX-3	120 volt AC	$180

* Fail Secure detectors are available by special order

Loop Detectors, Two relay

- 2 Relay, Single Channel
- External Switching, Standard 11 Pin Octal Socket
  (sold without harness or base)

Item		MSRP
BX-4	12-24 AC/DC	$200

* Fail Secure detectors are available by special order

Plug In Detector, two relay

Item		MSRP
APeX	24 VDC	$200

* For LINEAR APeX controlled Operators

Board Detector, two relay

Item		MSRP
K-24	24 VAC	$180

* For LINK, Sentex & Liftmaster Operators

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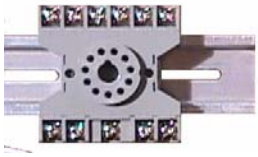
Vehicle Loop Detector, Hardware

Mounting Hardware/Labor

Item	MSRP
Standard Wiring Harness (1)	$20
Din Rail Mounting Base (2)	$16
Din Rail 39-3/8” long (3)	$40

(1)

(2)

(3) 

NOTE:

Vehicle detection loops may NOT always detect the presence of a motorcycle. Riders can find an accessory for their bike at www.signalsorcerer.com

Installation in gate operator

Pre-wire detector in operator	**$60**

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Vehicle Loop Detector, Supplies

Loop Wire, Sealant, and Supplies

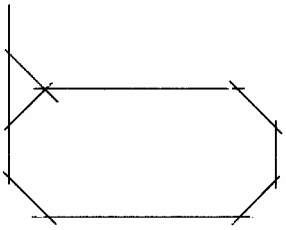
Item		MSRP
Sealant		
2-Part (Polyester)	1 gallon w/ hardener	$75
	Extra hardener (per tube)	$12
	4 gallon case	$280
Bottle Spout	Fits 2-liter pop bottle	$3
Asphalt Emulsion	1 gallon w/ spout	$26
Latex Gloves	Per pair	$2

Loop Wire

- Per 2,500 ft. spool $350

Loop Kit

Single (One Loop)	Includes: • 1 gallon sealant • 2 tubes of hardener • 4 bottle tops • 200’ of wire • 4 latex gloves	$150
Double (Two Loops)	Includes: • 2 gallons sealant • 4 tubes of hardener • 6 bottle tops • 400’ of wire • 8 latex gloves	$235

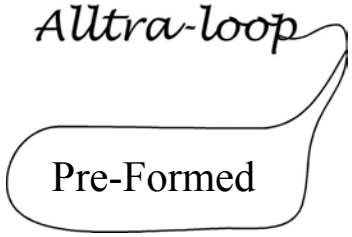


Pre-Formed/Direct Burial/Pave Over Loops

30’ Loop Perimeter $150
- Up to 5’ x 10’ Loop, 15’ to 25’ lead in

50’ Loop Perimeter $200
- Up to 5’ x 20’ Loop, 15’ to 25’ lead in

EXTRA Lead in (up to 50’) $40



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Safety Devices

Emergency Devices

Fire Department Box

- Fire Department or the owner puts their padlock on the Fire Department Box.
- The Fire Department either unlocks it or cuts it off.

Item	MSRP
Storage Type: Owner puts gate code, mini transmitter or some way to open gate inside	$170
Relay Type: Open the "door," the gate opens & stays open until they close and padlock it again (does not include padlock)	$190
3" OD mounting bracket	$25
4" OD mounting bracket	$30

STOP / GO traffic Light.

Item	MSRP
Red / Green Light Requires 110 volt, AC power With 6' mounting post welded on 8" x 8" mounting plate.	$640

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Safety Devices

Emergency Devices

S.O.S.

- The S.O.S. unit is a device that upon “hearing” an emergency vehicle’s “YELP” siren will activate a relay that triggers the gate to open. A decal is placed where emergency vehicle personnel can see it. A copy of the decal is below.

Item	MSRP
Emergency Gate Opening Device (requires 9-300 volts AC/DC)	$650
Requires: 12 volt DC filtered power supply	$95

Click2Enter

- Click2Enter does away with all of the cumbersome keys, access control codes, and remote control actuators, because every emergency response vehicle and responder carries the key-their mobile or portable radio transceiver. Just a simple 'click' of the radio transmitter button is all that's required to open gates, parking arms, doors, and commercial roll-up doors.

Item	MSRP
Emergency Gate Opening Device (requires 9-300 volts AC/DC)	$1,480
Requires: 12 volt DC filtered power supply	$95

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Safety Devices

Warning Devices

Item	MSRP
Warning Signs	$5

Safety Tape (2” wide x 108’ long roll)

Yellow & Black (per roll)	$26
White & Black (per roll)	$35

Warning Beeper (Beeps when gate is moving)

12 or 24 volt AC/DC	$63

Flashing/Strobe Light (Flashes when gate is moving)

- Certain operators may require an added relay
- Order blue, red, or yellow
- Order 12, 24, or 120 volt — $230

Replacement Bulb	$30
Extension Post / Mount (1/2” threaded)	$125