



MICROCELL BEAM • DAMAGE PREVENTION

# FLEX IR

FLEXIBLE • UV-RESISTANT



## DAMAGE RESISTANT

- Flexible mounting bracket prevents the Microcell beam system from damage when installed in industrial applications.
- Flexible, UV-resistant material prevents damage to the beam heads, optimizing safety and reliability.

## NEMA 4 RATING

- Kits are also available which include the Flex IR, Microcell beam sets and sealed mounting boxes (suitable for exposure to wet and harsh conditions).

## ADAPTABLE

- The bracket can be installed in a parallel or perpendicular position to the mounting surface, allowing optimal flexibility for different applications.

## SERVICE FRIENDLY

- The Flex IR is built to withstand various conditions should accidents occur. If struck, the Flex IR will bend and flex back into position reducing service calls.

## RELATED PRODUCTS



Br3



Falcon



IS40



IXIO-DT1



Eagle HM



SuperScan  
Industrial



# INDUSTRIAL

Microcell Beam  
Damage Prevention

**International Door Closers, Inc.**

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**West: 800-544-4422 • East: 800-225-6737**

**www.intldoorclosers.com**

## SPECIFICATIONS

### Materials:

**Flexible Beam Holder**  
Silicone

**Mounting Brack**  
Galvanized Steel

**Button Plug**  
ABS and Lexan

**Screws**  
18/8 Stainless Steel

**Installation Height**  
See Mechanical Installation Instructions in User's Guide

**Operating Temperature**  
-30° to + 131° F

**Minimum Distance between pairs of beams**  
12" (304.8mm)  
(beams must not be crossed)

**Range of Detection:**  
**Minimum**  
3' (1 m)

**Maximum**  
16.5' (5m) if mounted  
8" (0.2m) above ground

33' (10m) if mounted  
16" (0.4m) above ground

**Minimum Distance from Plane of Door**  
1" (25.4mm)

**Alignment Tolerance**  
8°

**Housing color**  
Black

**Dimensions**  
6" x 1¾" x 2¾"  
(150mm x 45mm x 70mm)

**Degree of protection:**  
**With Mounting Box**  
NEMA 4

## PRODUCT FAMILY

### 10FLEXIR

Flexible mounting brackets for BEA Microcell safety beam system — (2) Flex IR brackets are included per set

### 10FLEXIRN4

(1) 10FLEXIR bracket set, (1) 10MICROCELL15 single beam set, and (2) NEMA 4 boxes

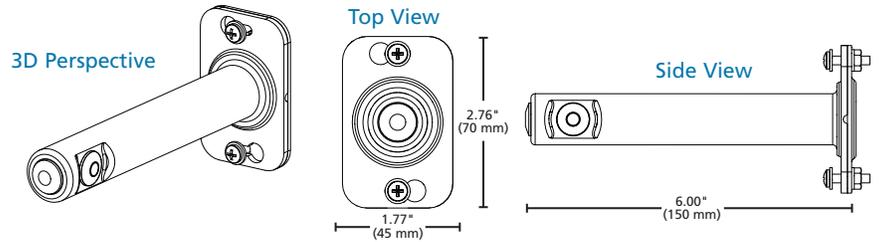
### 10FLEXIRN4DL

(2) 10FLEXIR bracket sets, (2) 10MICROCELL1D double beam sets, and (4) NEMA 4 boxes

### 10FLEXIRKIT

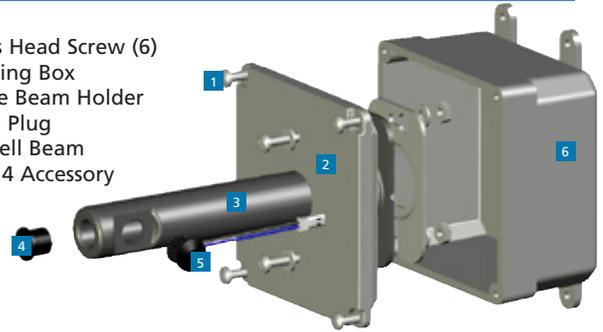
Includes (1) 10FLEXIR bracket set and (1) 10MICROCELL15 single beam set

## DIMENSIONAL DRAWINGS



## COMPONENTS

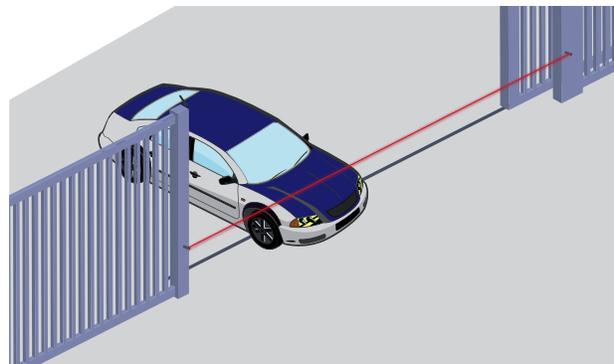
- 1 Phillips Head Screw (6)
- 2 Mounting Box
- 3 Flexible Beam Holder
- 4 Button Plug
- 5 Microcell Beam
- 6 NEMA 4 Accessory



## APPLICATIONS



- Flex IR protects the Microcell against blunt hits from tractor trailers, forklifts, or heavy objects in the industrial setting.



- The flexible housing protects the Microcell from damage in the event that it is struck by a vehicle.