



Instruction Manual

The 325-POST is a black powder-coated mounting post for EMX's Photoeyes. It is compatible with EMX IRB-RET-2, IRB-MON-2, IRB-4X-2, IRB-325, and NIR-50 photoeyes. It is also compatible with the MRD-1P radar distance sensor. Mounting locations for these sensors are marked with drill intents, eliminating the need for measuring and marking mounting locations.

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**EMX photoeye sold separately*

Cautions and Warnings



This product is an accessory or part of a system. Install the EMX PHOTOEYE according to instructions from the gate or door operator manufacturer. Comply with all applicable codes and safety regulations.

Specifications

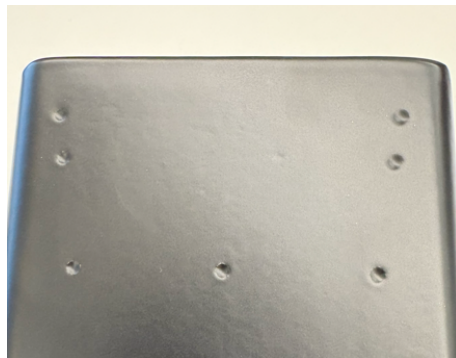
Housing Material	.125" steel post
	.125" steel base plate
Dimensions	3.125" x 3.125" x 24" post
	6 x 6" base plate
Finish	Black powder coat
Weight	11 lbs

A. Ordering Information

- 325-POST-2 Photoeye Mounting Post *photoeyes sold separately
- IRB-RET-2 KIT UL325 Retroreflective photoeye kit, includes photoeye with hood, reflector with hood, and mounting bracket with hardware
- IRB-MON-2 KIT UL325 Thru beam photoeye kit, includes transmitter, receiver, protective hoods, and sunshield
- IRB-4X-2 KIT Thru beam photoeye kit, includes transmitter, receiver, protective hoods, and sunshield
- IRB-325 KIT Thru beam photoeye kit, includes transmitter, receiver and hoods
- NIR-50 KIT UL325 Retroreflective photoeye kit, includes photoeye with hood, reflector with hood, and mounting bracket with hardware
- MRD-1P KIT Radar Distance Sensor kit, includes sensor, and mounting bracket

B. Drilling and Mounting Information

The 325-POST-2 has drilling indents to mark the necessary drilling locations for compatible EMX photo eyes.



A pilot hole needs to be drilled at your needed locations and then self-tapping screws can be used to secure the photo eye. If desired, these holes can also be tapped to make future service easier.

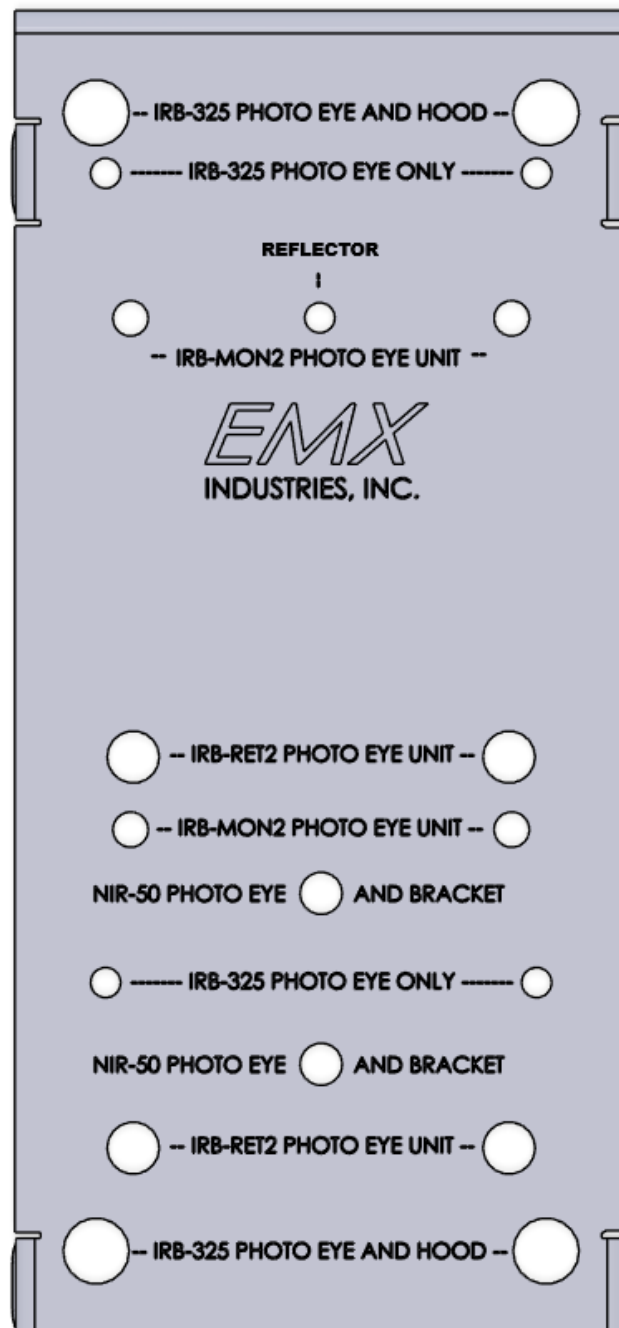
Below is EMX's recommend screw size for each photo eye.

IRB-RET-2	#10 to #14
NIR-50-325	#10
IRB-MON-2	#6
IRB-325	#6
Reflector	#6

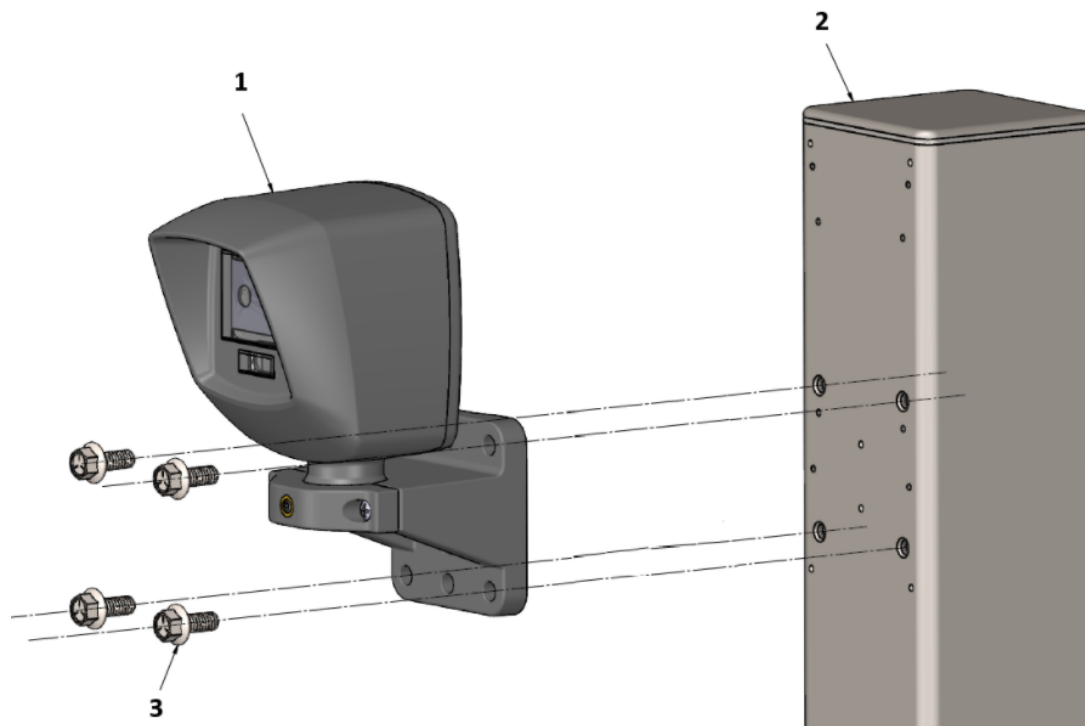
C. Drilling Location Template

Use the template below to locate the correct drilling indents for your photo eye.

Template is scaled to size and can be held up to the post.

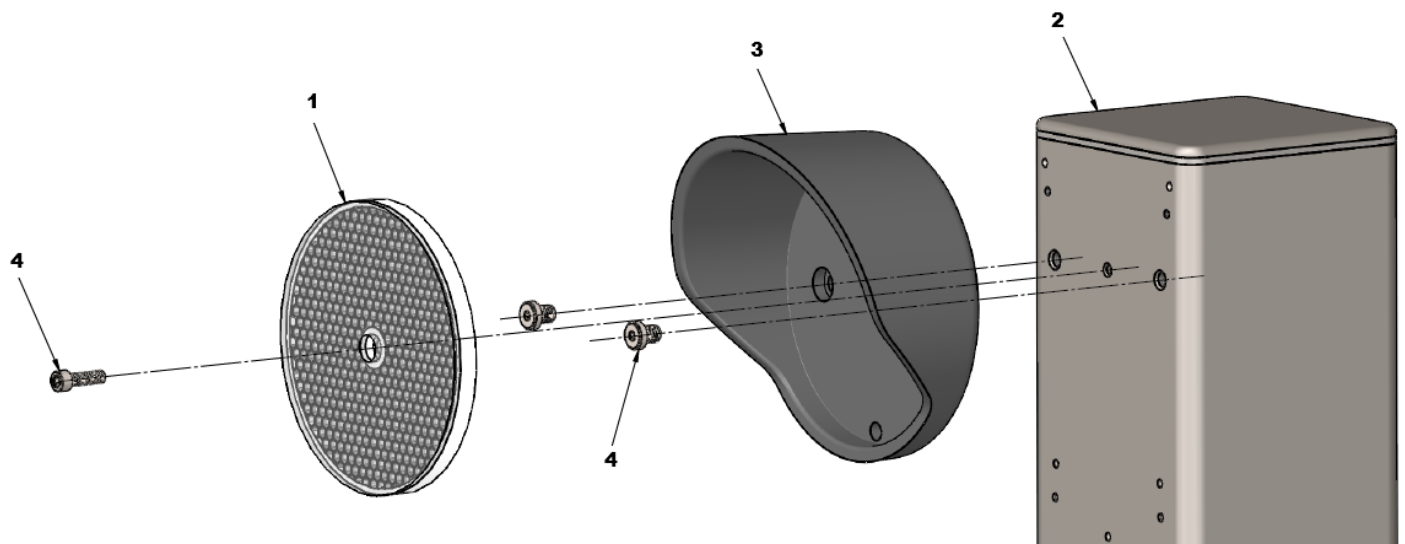


IRB-RET-2 and MRD-1P Mounting



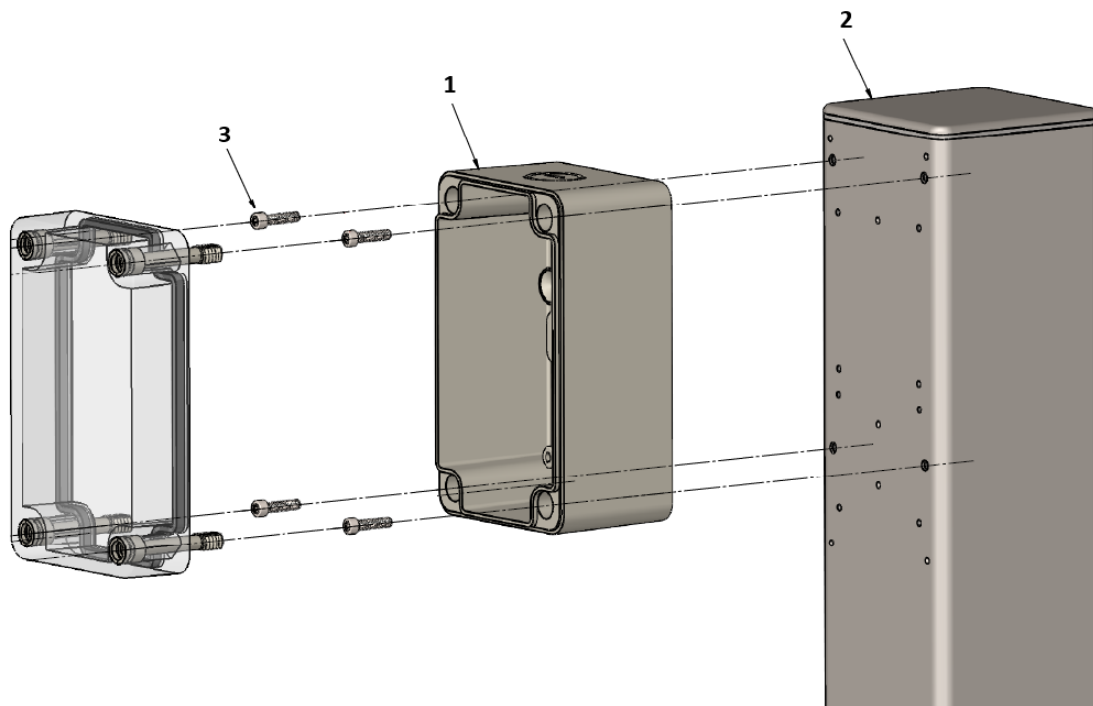
1: IRB-RET-2 or MRD-1P, 2: 325-POST-2, 3: MOUNTING SCREW

Reflector Mounting

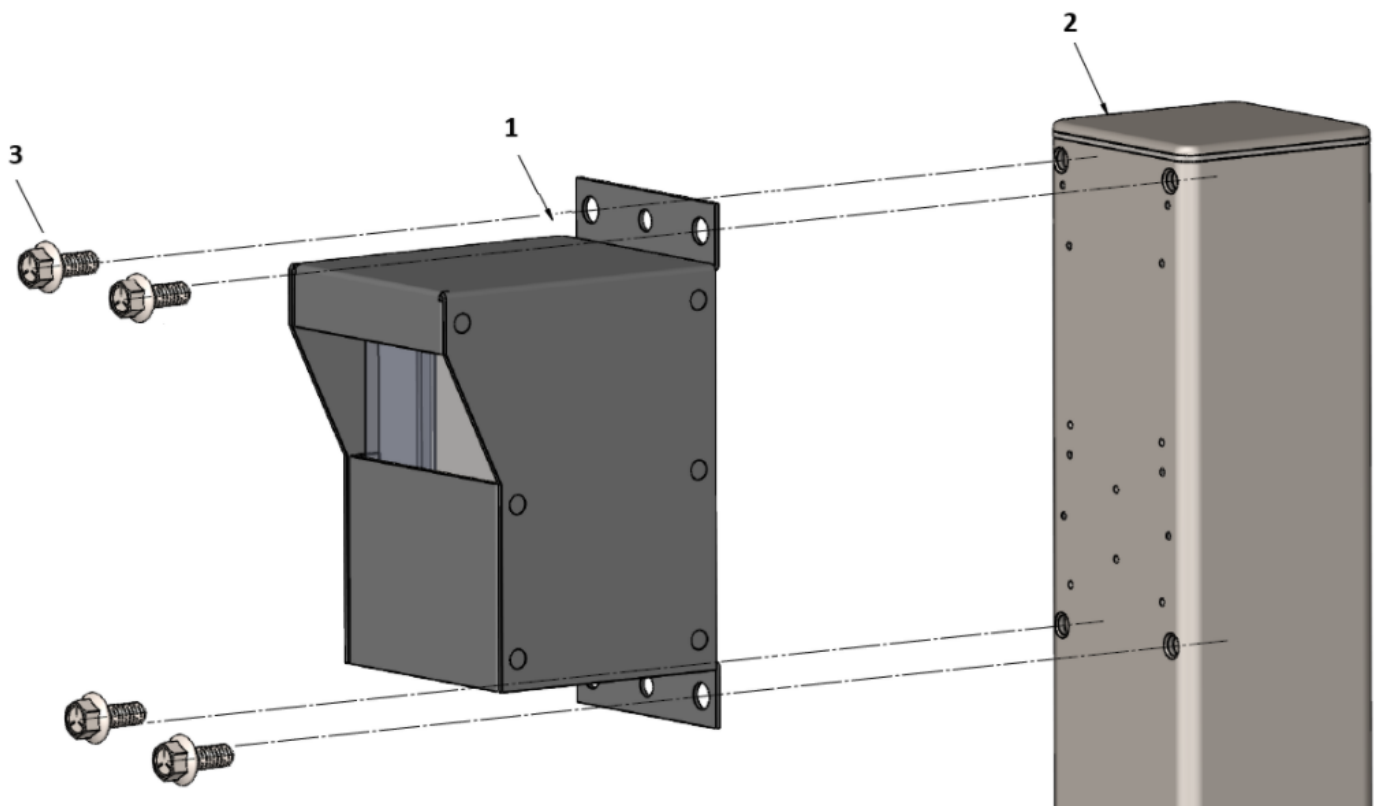


1: REFLECTOR, 2: 325-POST-2, 3: REFLECTOR HOOD, 4: MOUNTING SCREWS

IRB-325 Mounting

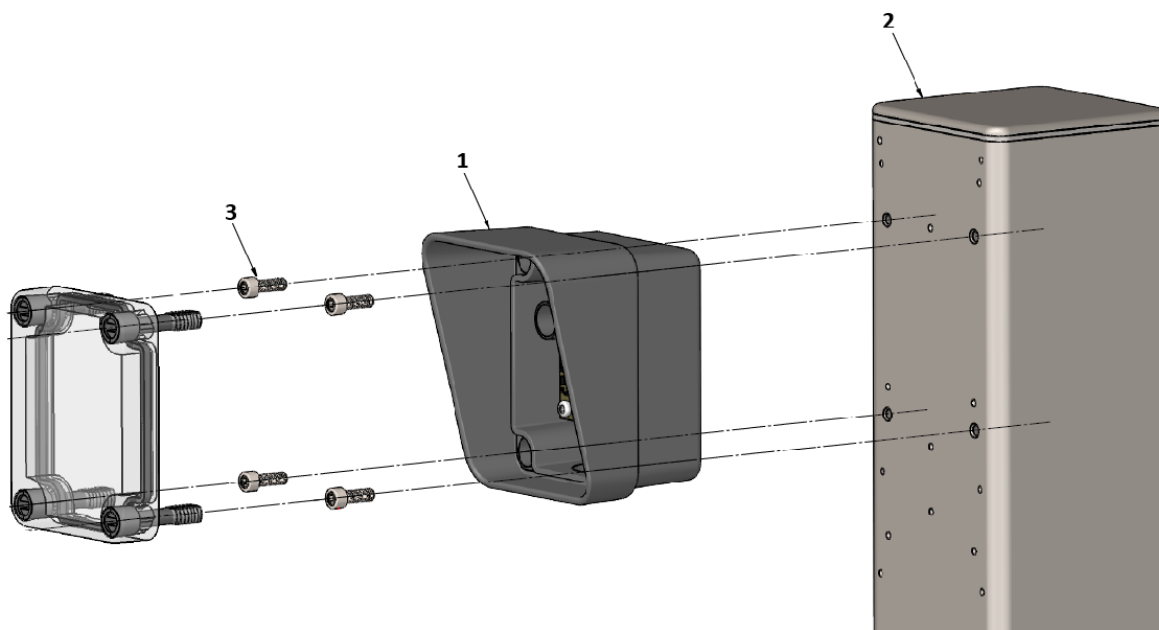


1: IRB-325-2, 2: 325-POST-2, 3: MOUNTING SCREW



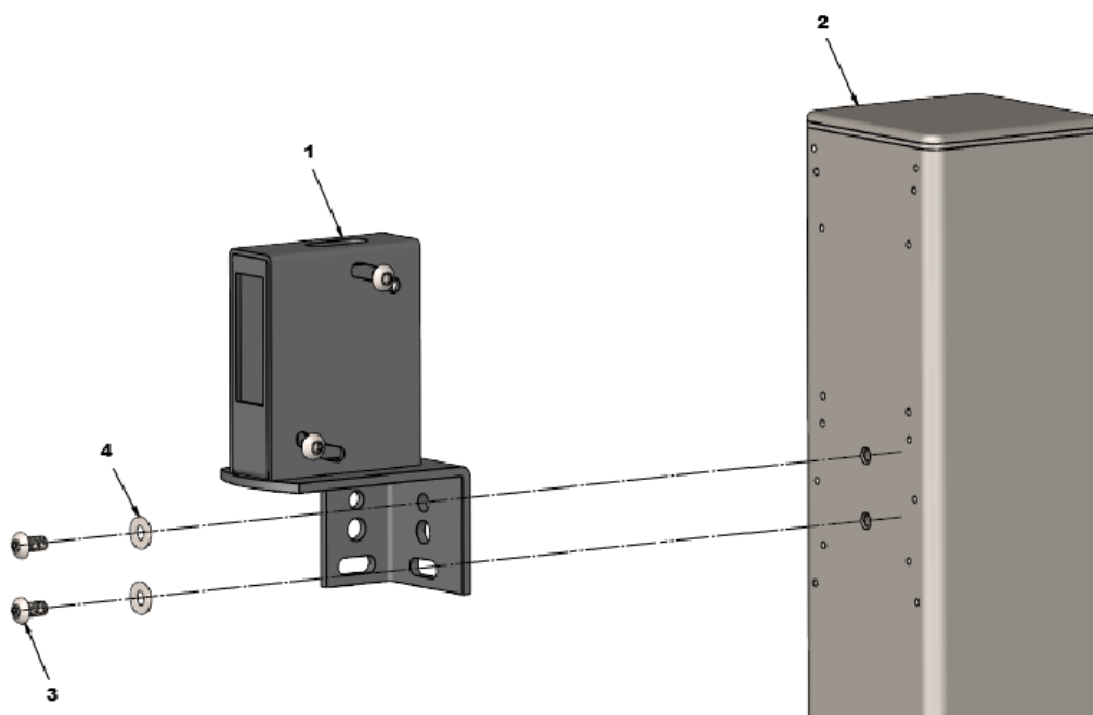
1: IRB-325-2 (under Hood), 2: 325-POST-2, 3: MOUNTING SCREW

IRB-MON-2 and IRB-4X-2 Mounting



1: IRB-MON-2, 2: 325-POST-2, 3: MOUNTING SCREW

NIR-50-325 Mounting



1: NIR-50-325 (under Hood), 2: 325-POST-2, 3: MOUNTING SCREW 4: WASHER

Warranty

EMX Industries, Inc. products have a warranty against defects in materials and workmanship for a period of two years from date of sale to our customer.