

Emitter and Receiver Models

Emitter/Receiver Model	Array Length Y*	Total Beams
MAHE6A Emitter MAHR6A Receiver	163 mm (6.4")	64
MAHE13A Emitter MAHR13A Receiver	325 mm (12.8")	128
MAHE19A Emitter MAHR19A Receiver	488 mm (19.2")	192
MAHE26A Emitter MAHR26A Receiver	650 mm (25.6")	256
MAHE32A Emitter MAHR32A Receiver	813 mm (32.0")	320
MAHE38A Emitter MAHR38A Receiver	975 mm (38.4")	384
MAHE45A Emitter MAHR45A Receiver	1138 mm (44.8")	448
MAHE51A Emitter MAHR51A Receiver	1300 mm (51.2")	512
MAHE58A Emitter MAHR58A Receiver	1463 mm (57.6")	576
MAHE64A Emitter MAHR64A Receiver	1626 mm (64.0")	640
MAHE70A Emitter MAHR70A Receiver	1788 mm (70.4")	704
MAHE77A Emitter MAHR77A Receiver	1951 mm (76.8")	768

High-Resolution Emitter



High-Resolution Receiver



Configure and monitor the System with the supplied software and any PC-compatible computer (running Windows® 3.1, 95, 98 or NT), via an RS-232 cable.



DIN-Rail Mountable Control Module

Quick-Disconnect Cables



Control Module Models

Controller Model	Outputs
MAHCN-1	Two discrete, solid-state NPN
MAHCP-1	Two discrete, solid-state PNP
MAHCV-1	Two analog, 0-10V sourcing, plus one discrete NPN
MAHCI-1	Two analog, 4-20 mA sinking, plus one discrete NPN

Cables

Cable Model	Description
QDC-515C	4.6 m (15') cable, straight QD connector
QDC-525C	7.6 m (25') cable, straight QD connector
QDC-550C	15.2 m (50') cable, straight QD connector

Figure 1-1. A-GAGE High-Resolution MINI-ARRAY System components

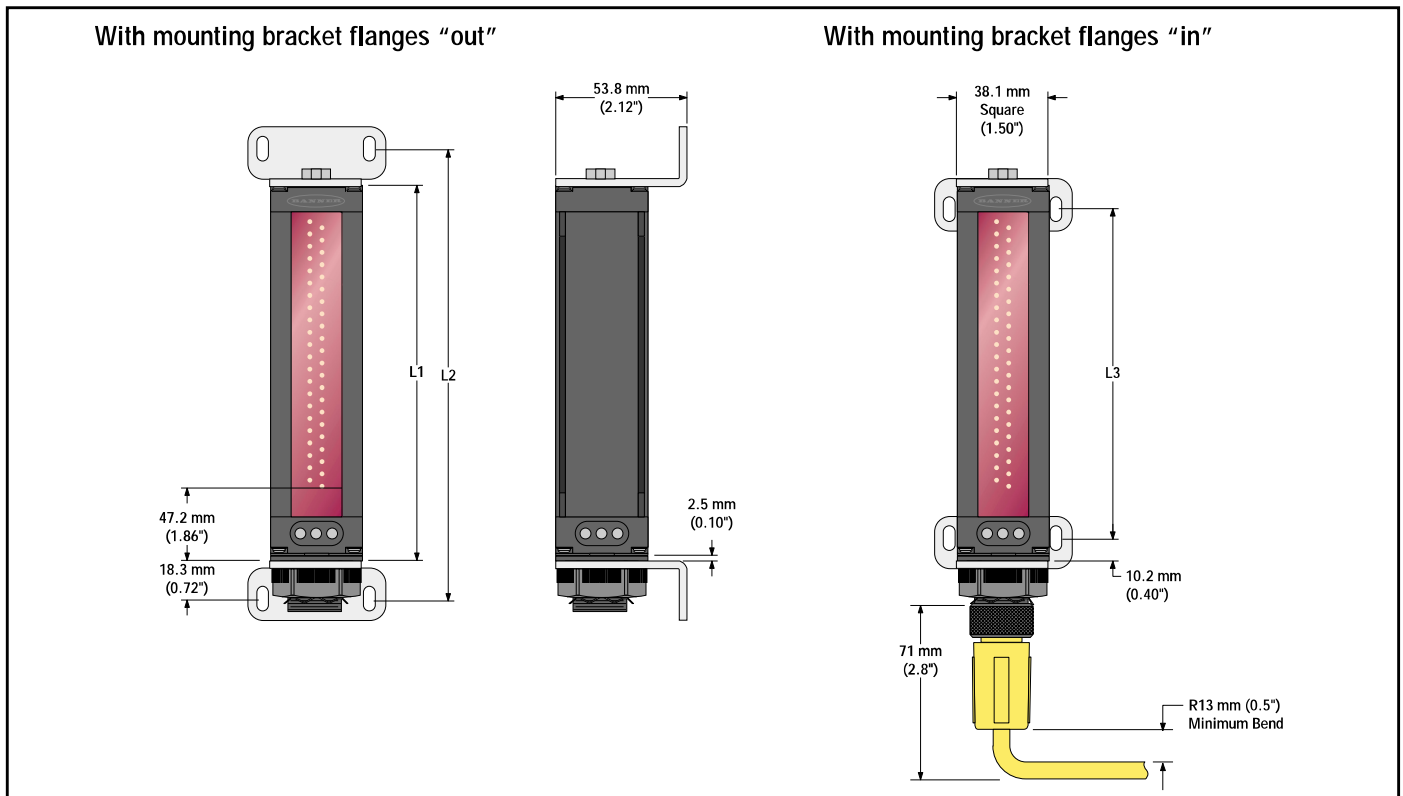


Figure 2-1. Emitter and receiver dimensions

Emitter/Receiver Model	Housing Length		
	L1	L2	L3
MAHE6A Emitter MAHR6A Receiver	236 mm (9.3")	268 mm (10.5")	211 mm (8.3")
MAHE13A Emitter MAHR13A Receiver	399 mm (15.7")	430 mm (16.9")	373 mm (14.7")
MAHE19A Emitter MAHR19A Receiver	561 mm (22.1")	593 mm (23.3")	536 mm (21.1")
MAHE26A Emitter MAHR26A Receiver	724 mm (28.5")	756 mm (29.7")	699 mm (27.5")
MAHE32A Emitter MAHR32A Receiver	887 mm (34.9")	918 mm (36.2")	861 mm (33.9")
MAHE38A Emitter MAHR38A Receiver	1049 mm (41.3")	1081 mm (42.6")	1024 mm (40.3")
MAHE45A Emitter MAHR45A Receiver	1215 mm (47.8")	1246 mm (49.1")	1189 mm (46.8")
MAHE51A Emitter MAHR51A Receiver	1377 mm (54.2")	1409 mm (55.5")	1352 mm (53.2")
MAHE58A Emitter MAHR58A Receiver	1540 mm (60.6")	1572 mm (61.9")	1515 mm (59.6")
MAHE64A Emitter MAHR64A Receiver	1703 mm (67.0")	1734 mm (68.3")	1677 mm (66.0")
MAHE70A Emitter MAHR70A Receiver	1865 mm (73.4")	1897 mm (74.7")	1840 mm (72.4")
MAHE77A Emitter MAHR77A Receiver	2028 mm (79.8")	2060 mm (81.1")	2003 mm (78.8")