

Basic Controllers

Flashing Sign System



BASIC CONTROLLERS

TrafficCalm Basic Controllers for Flashing Sign Systems are newly redesigned to be “plug-n-play.” We know our customers want systems to be easy-to-install, rugged, and bright. Simply mount the LED-enhanced sign and controller on the post and it will automatically run in the standard MUTCD compliant 60Hz flash pattern. If you plug a TrafficCalm Smart Radar Sensor into the system, it will automatically configure for input operated mode and only flash the sign when an approaching vehicle is detected. No programming is required. The brightness control and power management is all automatically controlled.

FEATURES

Durability and Reliability

All electronics are fully epoxy-potted and environmentally sealed. The entire pole with the sign, basic controller, radar

Ease of Installation

Plug-n-play installation with no programming required.

100% MUTCD Compliant

System will automatically flash the once-per-second (60Hz) MUTCD flash pattern.

Made in the USA

TrafficCalm Controllers and Collaborators are manufactured in the USA in an ISO 9001:2015 certified facility. Build America/Buy America Compliant.

TRAFFICALM.COM



SPECIFICATIONS

Physical Descriptions

Mounting: Universal bracket accommodates most industry standard round or square posts of suitable load

Designed for retrofit installation to existing infrastructure

NEMA 4X Fiberglass Cabinet with padlock latch

All electronics potted for weatherproofing

Stainless fasteners used for corrosion resistance

Equipment: -29.2° F to 165.2° F operating range(-34° C to +74° C)

Warranty and Service

5 year limited warranty, 1 year on batteries

Unlimited tech support from US based factory technicians

Input/Output

Inputs: 2 per Controller. Optional input devices include push buttons, environmental sensors, over-height sensors, and others

Outputs: 2 per Controller or Collaborator, 20W max requirement. Output devices include: Sign Rings, Rectangular Rapid Flashing Beacons (RRFBs), and Round Beacons

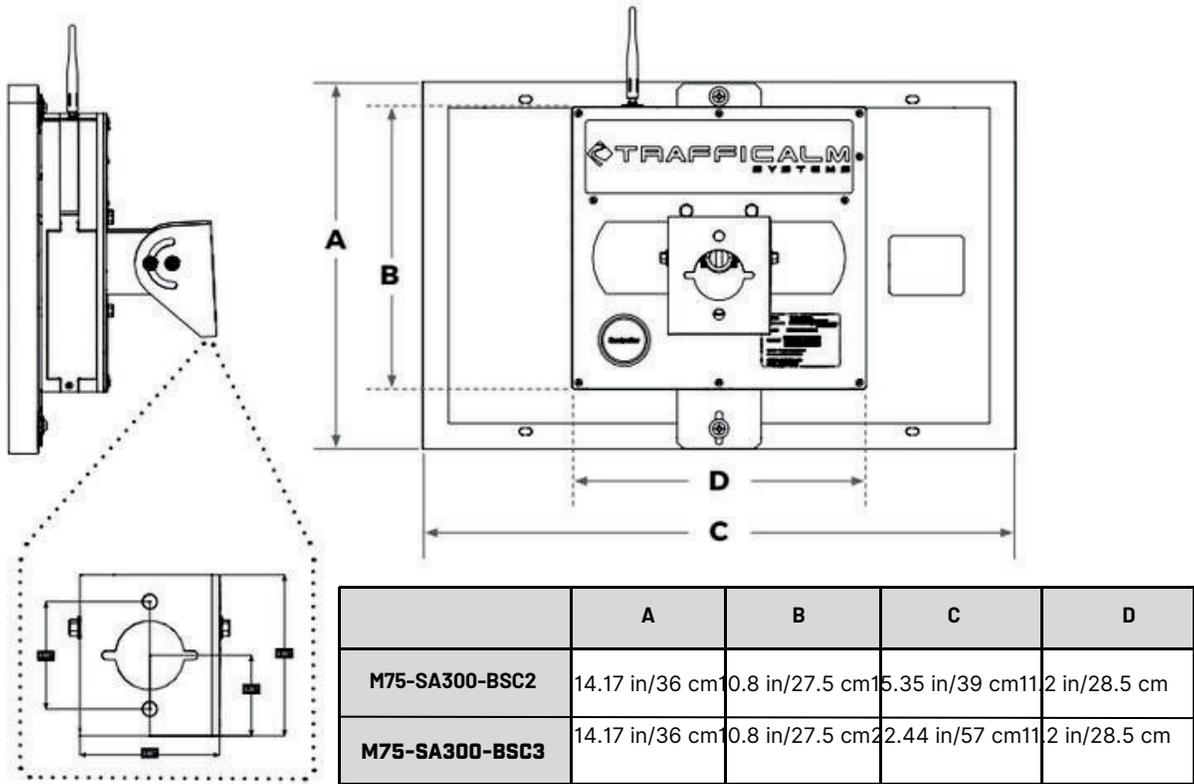
Radar Port: Accepts input from TrafficCalm® Smart Radar Sensor

Light sensor for configurable auto-dimming feature based on ambient light conditions

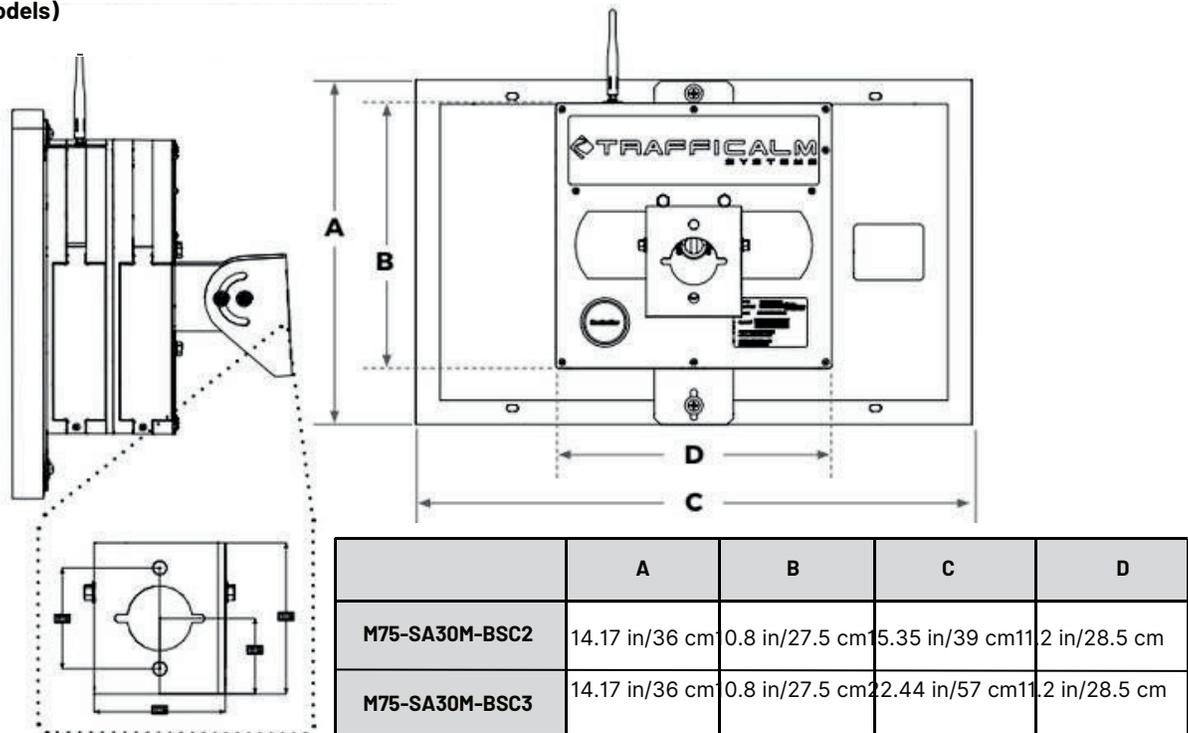
MODEL DETAILS

Basic Controller	M75-SA300-BSCA	M75-SA300-BSC2	M75-SA300-BSC3	M75-SA30M-BSC2	M75-SA30M-BSC3
Weight	22 lbs/10 kg	25 lbs/11 kg	28 lbs/12 kg	36 lbs/16 kg	39 lbs/17 kg
Dims	9.28"w x 10.5"h x 5.21"d (23.6cm, 26.7cm, 13.2cm)	14.17"w x 15.35"h x 1.18"d (36cm, 39cm, 3cm)	14.17"w x 22.44"h x 1.18"d (57cm, 36cm, 3cm)	14.17"w x 15.35"h x 1.18"d (36cm, 39cm, 3cm)	14.17"w x 22.44"h x 1.18"d (57cm, 36cm, 3cm)
AC/Solar	Integrated AC	Integrated Solar	Integrated Solar	Integrated Solar	Integrated Solar
Battery	Does not apply	AGM, 12Ah, 12V	AGM, 12Ah, 12V	AGM, 24Ah, 12V	AGM, 24Ah, 12V
Solar Panel	Does not apply	20W/1.16A (incl.)	30W/1.74A (incl.)	20W/1.74A (incl.)	30W/1.74A (incl.)
AC Input	0.43A/100-277VAC	Does not apply	Does not apply	Does not apply	Does not apply

BSC2 / BSC3 Series Basic Controllers (20W and 30W, 12 Ah Models)



Duplex Series Basic Controllers (20W and 30W, 24 Ah Models)



AC Basic Controllers

