BEAMLRK
Long Range Kit for use with Reflective Projected Beam Smoke Detectors

SYSTEM SENSOR®

I56-2359-002

Notice: This manual should be left with the owner/user of this equipment.

FIGURE 1:

GENERAL DESCRIPTION

The BEAMLRK allows reflected beam detectors to be installed at separations between 230 and 328 feet (70 to 100 meters). At these distances, four 8″ × 8″ reflectors must be used to provide enough reflected infrared light. This kit includes 3 additional reflectors with new test scale legends. The reflector included with the transmitter/receiver unit is the fourth reflector to be used. This kit is not compatible with the multi-mount kit (BEAMMMK).
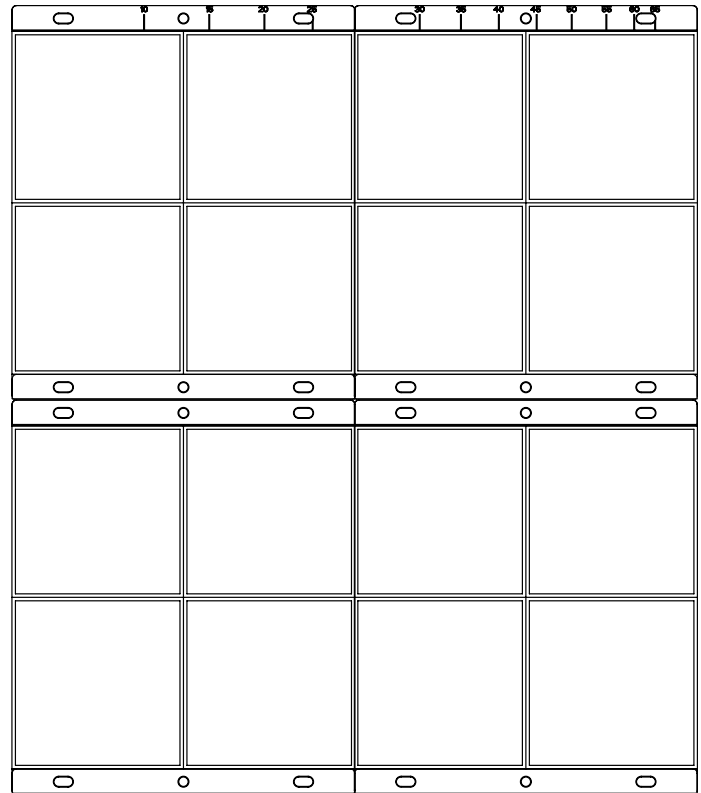
The kit includes the following parts:

Qty. Description
1   8″ × 8″ reflector (10% to 25% test scale)
1   8″ × 8″ reflector (30% to 65% test scale)
1   8″ × 8″ reflector (no test scale)

MOUNTING INSTRUCTIONS

1. Peel off the test scale sticker from the reflector included with the transmitter/receiver unit.

2. Securely mount all four reflectors to the wall using all four screw holes on each reflector. (see Mounting Instructions section of the manual included with the transmitter/receiver unit for more details). The reflectors should be mounted as close to each other as possible. They should be mounted in a square pattern as indicated in Figure 1. The upper left reflector when viewed from the front should contain the lower test scale (10 to 25%). The upper right reflector should contain the higher test scale (30 to 65%). The bottom reflectors do not have a scale on them.

3. Complete the installation of the transmitter/receiver unit using the instructions included with the beam detector.

4. Test the system as indicated in the beam detector instructions. (see "Sensitivity Testing" section of the transmitter/receiver instructions).

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