CLAIMS:

1. An object detection system, comprising:

a first sensor comprising a first emitter and a first receiver;

a second sensor comprising a second emitter and a second receiver;

wherein the first sensor and the second sensor are arranged such that light beams generated by the first emitter and the second emitter form an angled cross formation;

a processor configured to:

identify whether at least one of the light beams does not reach an expected receiver of the first receiver or the second receiver; and

provide an indication that an object is detected or that an object is not detected, based upon whether the at least one of the light beams does not reach the expected receiver.

2. The object detection system of claim 1, wherein the first sensor, the second sensor, or both comprise a photoelectric sensor.

3. The object detection system of claim 2, wherein the photoelectric sensor comprises a through sensor.

4. The object detection system of claim 1, wherein the object detection system is disposed in a seat armrest.

5. The object detection system of claim 4, comprising a bracket configured to be disposed in the seat armrest, wherein the bracket comprises a portion configured to attach to a seat frame.

6. The object detection system of claim 4, comprising a bracket configured to be disposed in the seat armrest, wherein the bracket comprises voids configured to hold at least one emitter, at least one receiver or both for a seat.

7. The object detection system of claim 6, comprising additional voids configured to hold at least one second emitter, at least one second receiver, or both for a seat that neighbors the seat.

8. The object detection system of claim 1, wherein the object detection system is configured to detect an object that extends approximately 2-inches above a bottom of a seat.

9. An object detection system bracket, configured to:

hold a first emitter, first receiver, or both for a first seat; and

hold a second emitter, second receiver, or both for a second seat neighboring the first seat;

wherein the first emitter, the first receiver, or both and the second emitter, second receiver, or both are held such that light beams generated by the first emitter and the second emitter form an angled cross formation with additional light beams provided by other emitters.

10. The object detection system bracket of claim 9, comprising a portion configured to attach with a seat frame.

11. The object detection system bracket of claim 9, wherein the object detection system bracket is configured to be disposed in a seat armrest.

12. An entertainment attraction seat, comprising:

an object detection system configured to detect occupancy of the entertainment attraction seat using an angled cross formation for light beams generated by sensors of the object detection system.

13. The entertainment attraction seat of claim 12, comprising a first bracket disposed in a first armrest, the first bracket configured to support a portion of the sensors of the object detection system for the entertainment attraction seat.

14. The entertainment attraction seat of claim 13, wherein the first bracket is configured to support a portion of sensors for a second object detection system of a seat neighboring the entertainment attraction seat.

15. The entertainment attraction seat of claim 14, wherein the first bracket is configured to support the portion of sensors for the second object detection system at a skewed position from a position of the portion of the sensors of the object detection system.

16. The entertainment attraction seat of claim 13, comprising a second bracket disposed in a second armrest, the second bracket configured to support a second portion of the sensors of the object detection system for the entertainment attraction seat.

17. The entertainment attraction seat of claim 16, wherein the second bracket is configured to support a portion of sensors for a second object detection system of a seat neighboring the entertainment attraction seat.

18. The entertainment attraction seat of claim 16, wherein the second bracket is a mirrored version of the first bracket.

19. The entertainment attraction seat of claim 12, wherein the object detection system comprises a processor configured to provide an indication of occupancy status of the entertainment attraction seat to a control system configured to perform actions based upon the occupancy status.

20. The entertainment attraction seat of claim 12, wherein the sensors are arranged, such that an emitter and receiver pair are in different horizontal and vertical positions in opposing armrests of the entertainment attraction seat.