



## BLU-IR

### Photoelectric Sensor Pair

The BLU-IR is a light source-receiver pair of photoelectric sensors used to turn on speakers in an adjacent room when a sliding door between the rooms is opened. The sensors are mounted on heavy duty aluminum brackets.

#### Specifications

Supply Voltage . . . . . 10-30 VDC (Polarity protected)  
Current Requirements . . . . . Sink up to 100mA  
Response Time . . . . . 1,100uS, Thru-Beam  
Light Source . . . . . Pulse Modulated LED, Infrared=880nm  
Range . . . . . 65' (20m)  
Hysteresis . . . . . 20% of signal  
Light Immunity . . . . . high immunity to ambient light  
Diagnostic Indicators . . . . . Red LED=Output Status  
Green LED= Power "ON"  
Ambient Temperature . . . . . -40 C to 70 C (-40 F to 158 F)  
Housing Material . . . . . high-impact polycarbonate  
Waterproof Rating . . . . . NEMA 4X, IP66