

## IR EMITTER

IRE.1



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## **Product Description**

### **Product Overview :-**

**Model Number:** IRE.1

**Description:** The IR Emitter have five channels, allowing independent control of up to five RF appliances, including AC, TV, projector, etc. from a single device.

**Application:**

- Geo-location-based control for enhanced convenience.
- Supports mood-based scene control within the application.

### **Product Features :-**

- Allows scheduling for automated appliance control.
- Supports configurable time delay for each remote button, enabling automated sequential operations after appliance activation.

### **Product Benefits :-**

- Eliminates the need for multiple remotes.
- Strong and stable RF signal for reliable performance.

## **Technical Details**

### **Technical Specification:-**

|                            |   |
|----------------------------|---|
| Operating Input Voltage    | 120VAC - 240VAC   |
| IR Frequency               | 20-50 kHz   |
| Channel Support            | 5 channels  |
| Range                      | Supporting 5 channels, extending up to 20 meters for each channel (using CAT6 ) |
| Module size (Product size) | 2M  |
| Color                      | White   |
| Material                   | ABS   |
| Dimensions                 | 55mm x 49mm x 24mm  |
| Weight                     | 100 g   |
| Operating Temperature      | 0°C - 65°C non condense   |
| Water resistance           | No  |
| Shock Proof                | Yes   |
| Warranty                   | 5 years   |

### **Network and Connectivity Specification:-**

|                              |                                    |
|------------------------------|------------------------------------|
| Communication Protocol       | WIFI 2.4 GHz 802.11 b/g/n          |
| Minimum WIFI Signal strength | 50%                                |
| Minimum Internet speed       | 512kbps                            |
| Data Consumption             | < 3MB/month                        |
| Mode of operation            | Voice, Mobile App                  |
| Integration Support          | Compatible with Alexa, Google Home |

## Wires & Channels

| Wired color | Channels |
|-------------|----------|
| White       | 1        |
| Red         | 2        |
| Black       | 3        |
| Green       | 4        |
| Brown       | 5        |
| Blue        | VCC      |

## IR Emitter Dimension

