



IoTtech Smart  
PRODUCTS PVT. LTD.

# RECHARGEABLE REMOTE AREA LIGHT SYSTEM (RRALS)

Enjoy Camping with Music  
Controlled **Colourful Light**

yantram



## OTHER USE CASE

- \* **Natural Disasters:** Enhance visibility for rescue operations.
- \* **Military and Paramilitary Forces:** Support Forces in remote or hostile environments.
- \* **Fire Services:** In case of fire emergency, night operations.
- \* **Construction Sites:** Improve safety and productivity.
- \* **Deep Mines:** Ensure safety for miners in dark conditions.
- \* **Power Outages:** Serve as a backup lighting source.

Email: [business@iottechsmart.com](mailto:business@iottechsmart.com) Contact: +91 9319291887

# SPECIFICATIONS

yantram

- 8 hrs. To 32 hrs. According to high, medium & low lumens modes.
- Bis-certified 48ah Lithium Iron Phosphate battery, (Lifepo4), 12.8v, 537-watt hour.
- 2000+ battery charging cycle. Charging support from truck and car on 12v.
- 2 LED lights of 72w (total 144w), total range from 3600 Lumens to 4800 Lumens With 360-degree maneuver.
- Total height including mast (made of aluminium alloy telescopic pole) 2 mtr.
- 20x4 blue LCD character display with easy night finder technology, current lumens, backup time, battery temperature, lamp connection & charging status.
- Socket for extra light connection.
- Battery overheat protection: auto shutdown at high temperature with audible warning.
- Overcharging protection & over-discharging protection.
- Short circuit protection.
- Water resistance, dust resistance, portable sac.
- Storage temperature 20° to 60° degrees for 1 to 2 months, Storage temperature 20° to 45° degrees for 2 to 4 months.
- Two years warranty on case and one year warranty on lighting, battery & other accessories.
- Mobile Bluetooth/BLE enabled, LORA, LORA MESH.

**Approximate Weight: 18 kg**

**Dimension (L\*W\*H) : 557 x 348 x 248 mm**

## TWO MODELS AVAILABLE

### RRALS-G

Without App  
and Bluetooth  
/BLE

### RRALS-B

With App  
and Bluetooth  
/BLE

### RRALS-T

With App and  
3 in one R.G.B  
Music Based Play.

### RRALS-L

With App and  
Lora, Lora Mesh  
Control.



**IoTtech Smart Products Pvt. Ltd.,**

Address 1: E-530, First Floor, Lucky Plaza, Ramphal Chowk Rd, Sector 7 Dwarka, New Delhi-77

Address 2: Plot-13, 3rd Floor, Pocket-B, Sector 17 Dwarka, New Delhi, Delhi 110075