

## FUNCTIONAL DESCRIPTION

### 2-BAY GATEWAY

All data collected by the R-Link watch is automatically and securely transmitted to the Reactec Analytics cloud-based software via a gateway device. For efficient end-of-day data management, each watch should be returned to a charger or a gateway equipped with charging docks. Up to three 10-bay chargers can be positioned within the communication range of a gateway, supporting a maximum of 32 watches.

## TECHNICAL SPECIFICATIONS

### POWER

12V DC, 2.5A or 24V DC, 1.25A  
110V - 250V mains adapter supplied as standard

### CHARGE TIME

Fully discharged to 100%	3 hrs
8hrs use for HAV only to 100%	1hr
8hrs use for PPI & HAV to 100%	2hrs

### COMMUNICATIONS

Cellular communications:	GSM900, GSM1800, NB-IoT & LTE CAT-M1
Wi-Fi communications:	IEEE 802.11 b/g/n – compliant Supports 20MHz & 40MHz bandwidth in 2.4GHz band
Watch & Beacon communications:	Bluetooth Low Energy 5.0 Max Range: 80 meters

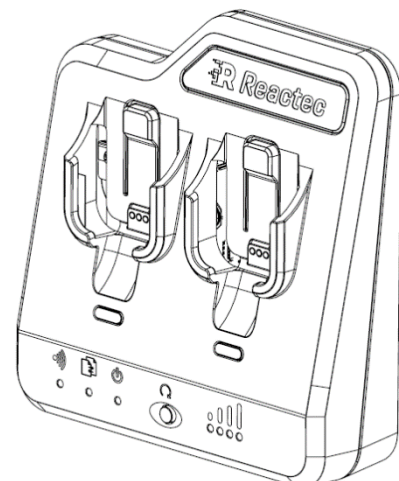
## PHYSICAL & ENVIRONMENTAL

### DIMENSIONS

Width:	163 mm
Depth:	168 mm
Thickness:	51 mm

### WEIGHT

Empty weight:	400 grams
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# DATASHEET- RLG-002

## TEMPERATURE RANGE & HUMIDITY

Operating: 0°C to +40°C  
Storage: -20°C to +40°C.  
Humidity: up to 95% RH

## ENVIRONMENT & INGRESS PROTECTION

Suitable for indoor use only  
Maximum altitude: 2000m  
Ingress protection: N/A

## STANDARDS & CERTIFICATIONS

### EMC & RADIO STANDARDS

EN55032, EN55035, EN 301 489-1, EN 301 489-17, EN 301 489-52, EN 300 328, EN 301 511, EN 301 908-1, EN 301 901-13  
FCC 47 CFR Part 15 Subpart C, 47 CFR Part 22 Subpart H, 47 CFR Part 24 Subpart E, 47 CFR Part 27, 47 CFR Part 90  
RSS-GEN, RSS-102, RSS-130, RSS-132, RSS-133, RSS-139, RSS-140

### SAFETY STANDARDS

EN62368-1, EN IEC 62311  
IEC 62368-1, UL62368-1, CAN/CSA 62368-1



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Prevention engineering for workplace health.



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