

FUNCTIONAL DESCRIPTION

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 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

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

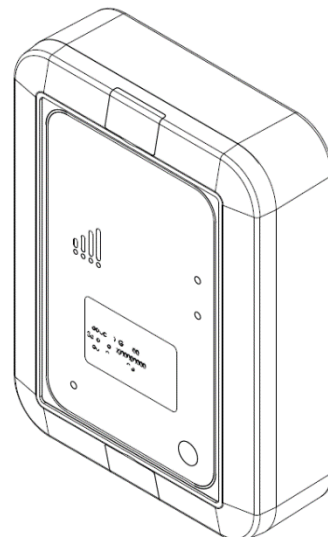
Width:	130 mm
Depth:	170 mm
Thickness:	45 mm

WEIGHT

Empty weight:	400 grams
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TEMPERATURE RANGE & HUMIDITY

Operating:	-10°C to +40°C
Storage:	-20°C to +40°C.
Humidity:	up to 100% RH



DATASHEET- RLG-001

ENVIRONMENT & INGRESS PROTECTION

Suitable for indoor and outdoor use

Wet and dusty environments: Up to Pollution Degree 4

Maximum altitude: 2000m

Ingress protection: IP66

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

SAFETY STANDARDS

EN62368-1, EN IEC 62311



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www.reactec.com/support/

Prevention engineering for workplace health.

