



Technical Datasheet

# UPTIVO LIGHTBAND

## UPTIVO LIGHTBAND LED Optical Heart Rate Sensor

# PRODUCT OVERVIEW

The Uptivo Lightband is an advanced LED-based heart rate monitor designed for accurate heart rate monitoring on every skin type.

Featuring an advanced optical heart rate sensor and dual wireless transmission through Bluetooth® Smart and ANT+, the Lightband provides reliable heart rate monitoring during individual sessions, group training and HIIT classes at the club, at home and outdoors.

Heart rate driven LED bands



provide immediate visual feedback by changing colour according to the user's heart rate zone, allowing trainers and users to adjust training intensity at a glance.

Its internal memory, IP68 water resistance and rechargeable battery make the Lightband ideal for swimming, water aerobics and every type of indoor and outdoor training.

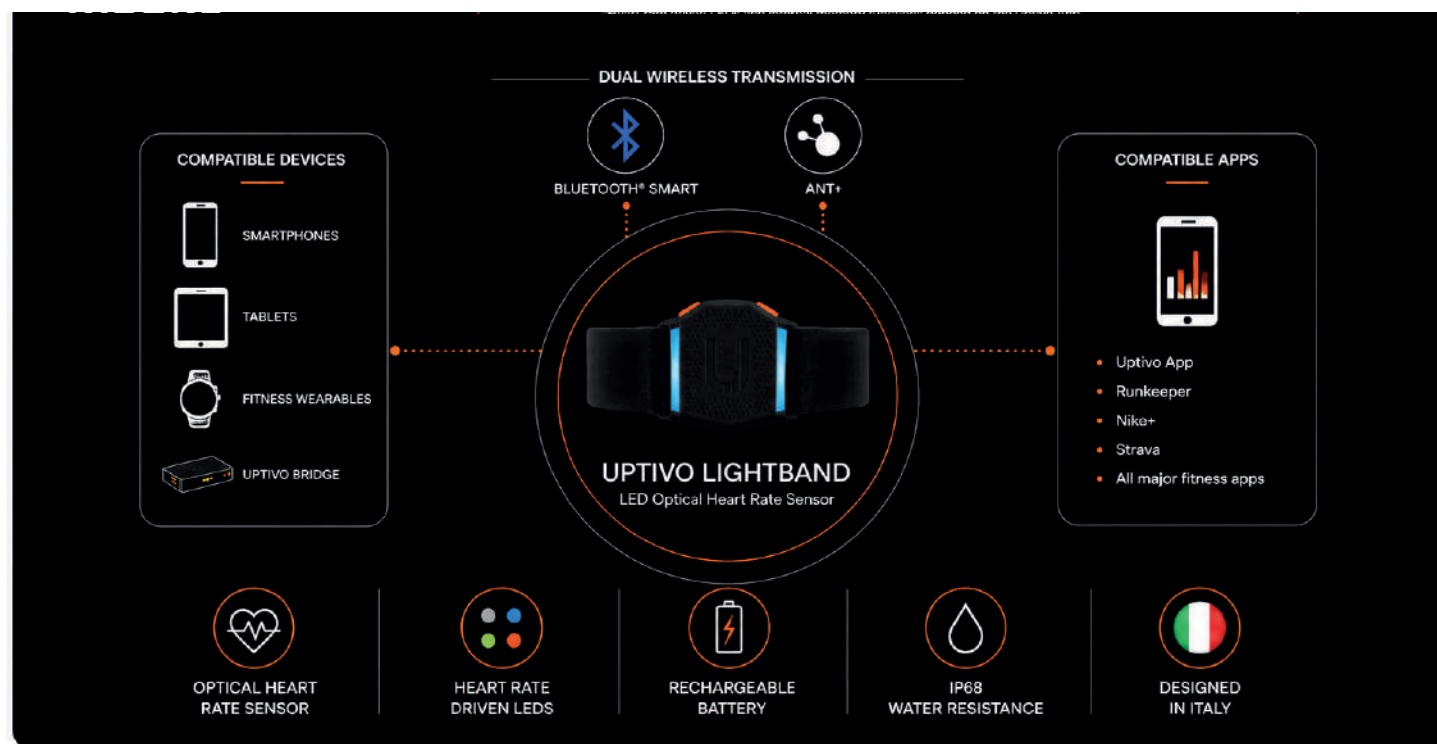
# KEY FEATURES

- Optical heart rate monitoring for every skin type
- Heart rate driven LED bands
- Bluetooth® Smart and ANT+ wireless transmission
- Compatible with Uptivo Bridge
- Compatible with smartphones, tablets and fitness wearables
- Compatible with major fitness applications
- Internal memory for heart rate data storage\*
- Blood oxygen saturation measurement
- IP68 water resistance
- Suitable for swimming and water aerobics
- Rechargeable battery via USB cable
- Up to 10 hours continuous heart rate monitoring\*
- Comfortable and ergonomic design
- Extended long-range wireless transmission optimized for club use
- Designed in Italy

\*Depending on the application used

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# HOW LIGHTBAND WORKS



## UPTIVO LIGHTBAND

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# COMPATIBILITY

## Compatible Devices

Compatible with:

- Smartphones
- Tablets
- Fitness wearables
- Uptivo Bridge

## Compatible Apps

Compatible with:

- Uptivo App
- Runkeeper
- Nike+
- Strava
- Other major fitness applications

## User Data

Measures:

- Heartbeat
- HRMax percentage
- Training zones
- Time spent in each training zone
- Calories burned
- Target zone

\*Depending on the application used.

## Transmission

Dual wireless transmission:

- Bluetooth® Smart
- ANT+

Extended long-range transmission optimized for club use.

## Live Monitoring

Suitable for:

- Club training
- Home training
- Outdoor training
- Swimming
- Water aerobics

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# TECHNICAL SPECIFICATIONS

## Transmission

| Specification       | Description             |
|---------------------|-------------------------|
| Wireless Technology | Bluetooth® Smart, ANT+  |
| Heart Rate Accuracy | ±2 bpm (in quiet state) |

## Battery

| Specification | Description                              |
|---------------|------------------------------------------|
| Battery Type  | Rechargeable via USB cable               |
| Battery Life  | Up to 10 hours continuous HR monitoring* |

\*Depending on the application used.

## Physical

| Specification         | Description              |
|-----------------------|--------------------------|
| Sensor Dimensions     | 47.86 × 41.73 × 14.23 mm |
| Strap Available Sizes | XS-S, M-XXL              |
| Water Resistance      | IP68                     |
| Operating Temperature | 0°C to 45°C              |

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## Monitoring

| Specification              | Description                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------|
| Live Heart Rate Monitoring | At the club, at home and in the open air                                                           |
| User Data Measurement*     | Heartbeat, HRMax %, training zones, time spent in each training zone, calories burned, target zone |
| Blood Oxygen Saturation    | Quick and precise blood oxygen saturation measurement                                              |

\*Depending on the application used.

## Product Features

| Specification          | Description                                                                       |
|------------------------|-----------------------------------------------------------------------------------|
| Heart Rate Driven LEDs | Grey, Light Blue, Green, Orange and Red LEDs corresponding to each training zone* |
| Internal Memory        | Stores heart rate information and uploads the data after training*                |
| Design                 | Comfortable and ergonomic                                                         |
| Wireless Transmission  | Extended long-range transmission optimized for club use                           |
| Country of Design      | Designed in Italy                                                                 |

\*Depending on the application used.

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# DIMENSIONS

