

PRODUCT SPECIFICATION OF BLE - PATIENT WRIST BAND WITH CALL BUTTON



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1. PRODUCT OVERVIEW

1.1. Introduction

Trackerwave Ovitag Wrist band is a Bluetooth Low Energy 5.0 based device for indoor tracking. The Wrist band supports patient fall detection and activity monitoring. Wrist band Button helps patient call nurse. Wrist band is powered by small size coin battery and its replaceable. It is designed for healthcare to withstand E20, Gamma and Plasma serialization.

2. SPECIFICATIONS

2.1. Key Features

- Bluetooth 5.0
- SOS button
- Indication LED's
- Replaceable coin battery
- Accelerometer
- Application processor
 - 64 MHz Arm® Cortex®-M33 CPU

2.2. Applications

- Indoor Location tracking
- Patient fall detection
- Activity monitoring
- Nurse call
- Geo fencing
- Queue management
- Nurse routine

2.3. Parameters

- Operation voltage : 1.8-3.6V
- Transmission range : Maximum 50 meters
- Battery life :1 Year

2.4. Operating Conditions

- Temperature : -20 to +75 °C
- Humidity : 80%
- Dimension : 3.8X3.3X1 cm
- Weight : 10 grams

REVISION HISTORY

S.No	Ver. No.	Ver. Date	Changed By	Section (s) Changed	Description of change
1.	1.0	01.17.2020	Balamurugan K P	-	Initial Draft

FCC Requirement

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.