ADWAT102C WATCH USER MANUAL

ACTIVATION PROCESS

- Goto http://www.vesag.com/

- Click on New user link which is next to login.

- Enter the given customer id and press tab so that the mobile no, username and email id will pop up.

- Change the username to a new username, enter password, verify password and enter the three security questions and answers and the call in password which is used for call centre purpose.(**Make sure you note the details you entered especially the username and password**)

- Make sure the agreement is checked and then click on submit.

- If the submit button do not work , please click on agreement and click YES button on the pop up window and then click submit again.

- Once you submit, it will take you to login page where you can just put the new username and password and login.

CONTENT

I.GENERAL

o Vesag watch is a perfect combination of CDMA and GPS technologies. This model, with its precise dimensions and compact appearance, expresses the advanced workmanship in the CDMA and GPS field. It is a typical design combining communication products and GPS services.

1.1.NOTICES

- Please read this user manual carefully and always use correct operation methods to prevent any possible errors.

- This user's manual is for reference only. If some contents and operation steps are inconsistent with those for the actual product, the latter will prevail.

1.2.ABOUT THE WATCH

- Vesag watch as a personal remote positioning device made up of GPS module and CDMA module, is compact in dimensions with high accuracy. This watch is portable and one can wear it on the wrist or as a pendant. The location of the wearer can be tracked with this watch through the built-in GPS tracker. Medicine reminders can be set in it to remind the patient of the time when he has to take some medicine or has to go in for some health check up. While the health is being monitored, an alarm from the watch can signal bad health. In case this happens, the elderly and your loved ones in problem can be taken to the hospital on time and their life can be saved. Web portals can be used to set reminders in the digital health monitoring watch.

1.3.PRODUCT FEATURES

- Inbuilt GPS Module
- Internet positioning service center, used to receive and send positioning information
- The modem supports Quad frequency bands, i.e.
  CDMA Band Class 0 and Band Class 1.
- High-sensitivity, new workmanship and the most advanced GPS chip
- Can work effectively in limited space such as urban canyon
- Low energy consumption
- Fast signal acquisition
- Supports single positioning and continuous tracking;
- Supports alarming and remote monitoring
- Supports fast dial button
- Supports the location information inquiry by SMS and Internet
- May monitor without disturbing the tracked person and realizes real-time tracking.
- Can position the holder by call or SMS

1.4.PRODUCT SPECIFICATIONS

Wireless module: Telit DE910 DUAL 800/1900 MHz 1xRTT and EV-DO Rev. A support.
GPS: GPS One, Standalone GPS and GLONASS support. Software based Wi-Fi and Cell tower triangulation.
Short Range Wireless: Texas Instruments CC2530 ZigBee System on chip. Interacts with any ZigBee Pro devices
Processor and Memory: ARM Cortex M3, 32Bit 72MHz frequency, 512K flash memory and 2MB EEPROM.
Display: OLED, Size: 1.69", 160*128 Pixels, Color Depth: 262,144 colors.
Battery: 650 mAH, 3 to 4 days standby time. 3 Hours talk time
Dimensions (L*W*H): 58.9*46.5*13.9 mm Strap: 132.9mm and 85.5mm
Sensors
Accelerometer.
± 2 / ± 4/ ± 6 / ± 8/ ± 16 g linear acceleration full scale
Gyroscope
± 245 / ± 500 / ± 2000 dps angular rate full scale
Magnetometer
± 2 / ± 4 / ± 8 / ± 12 gauss magnetic full scale
UV Sensor
The UV Index is a number linearly related to the intensity of sunlight reaching the earth. Values range from 1 to 11
Ambient Light Sensor
100 mlx resolution possible, allowing operation under dark glass
Proximity Sensor
Proximity detection adjustable from under 1 cm to over 50 cm
Temperature Sensor
High Accuracy Temperature Sensor. ± 0.4 °C; (max), –10 to 85 ° C
Humidity Sensor
Precision Relative Humidity Sensor, ± 3% RH (max), 0 – 80% RH

II.USAGE PREPARATION

2.1.ACCESSORIES

- Main unit
- USB cable
- Charger
- Headset cable (optional)
- Battery

2.2.APPEARANCE AND INTERFACE

Appearance and Buttons

- Five buttons are equipped with this watch.

- The bottom left and right buttons are for emergency SOS(RED button) and call centre(GREEN button) respectively.

- The upper left button is to switch-on and hold-on.

- The middle left button serves interface switch and menu.

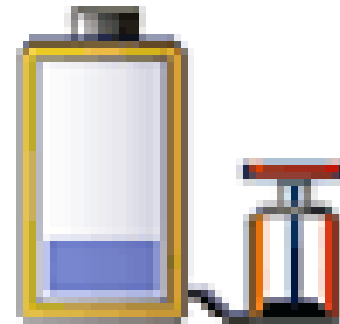- The upper right button is for switching on Zigbee and ECG.

2.3.INTERFACE DEFINITION

- CDMA and GPS signal strength is indicated on the upper left corner of the main interface .

- The middle left button is used to switch among interfaces like (Analog/Digital/Menu).

- The display or wallpaper would be the time in digital or analog model as shown in the picture.

III.BATTERY USAGE

3.1.CHARGE THE BATTERY

- Please use up the battery until its discharged and then charge the battery for at least 12 hours for initial use in order to keep the quality of the battery.

- The normal charging time of this product is 4-5 hours.

- Put the charging pin in the terminal and connect the charger to 100V/220V AC power supply to charge the battery. Then the power indicator on the upper right corner of the terminal screen will keep strolling as shown in the picture.

- When the battery is fully charged, the power indicator will stop strolling and if the battery is charged on switch-off mode, the picture indicates that the charging is done.

3.2.NOTICE

- Always use the charger offered by the supplier. Dangers or damages of the product caused by usage of any unconfirmed charger will not be compensated and repaired.

- The battery should be charged in time before the terminal automatically shuts down or being alarmed with low power.

- The standby duration and call duration offered by the supplier is calculated in perfect functional mode, in practice, working hours of the battery may vary due to difference of internet service, functional mode and usage mode.

- Disconnect the terminal from charger as soon as possible after the battery is well charged.

IV.OPERATION METHOD OF BASIC FUNCTIONS

4.1.SETTING UP THE WATCH

- An sms would be sent to the user's mobile as soon as the activation is done.

- Note: All alarming information thereafter including SOS, low power, electronic fence, etc will be returned to that number.

CALL FUNCTION

- Since predetermined number is set, no other calls would work on this watch.

- Incoming calls can be rejected by pressing the upper left button and received by pressing bottom left button(RED).

- When an emergency button is pressed, an alert will be sent to the Emergency team and the customer's next of kin.

- The Emergency and the VESAG Call center team would be available 24/7.

4.2.LOCATION INQUIRY

- The location information is always displayed on the screen of the watch with latitude and longitude.

- When the sos button is pushed, the call center will immediately contact the caller and give their location information. This will be passed to the caller's next of kin as well if required.

- The guardian may inquire the location information of the wearer by web portal on the dash board with the location displayed on the map as shown in picture.

4.3.ADJUST RECEIVER VOLUME

- The upper and bottom right buttons are used to adjust the receiver volume while on a call.

4.4.FUNCTION SETTINGS

- Function settings include: Zigbee, Alarm, Time zone and ECG.
- Enter setting interface by pressing the menu button(middle left) for twice.
- Press upper right button or bottom right button to toggle the menu.
- Press the bottom left button(Red button) to save the setting.
- Press the menu button (middle left button) to withdraw from that interface.

4.6 MEDICINE REMINDER

- One can view the alarm or the groups of alarms which are set through the web portal and also check the medicines added to a particular group of alarm number by selecting with the red button and scrolling down the menu using the buttons on the right hand side.

- There are **18 groups of alarms and each group can have 5 different reminders** at the same time as shown in the picture above.

- If there is only one medicine in a particular time, it would show the time, medicine name and anything else like address or phone number according the wearer's choice when the alarm rings.

- When the clock alarms, the interface will switch to reminder interface automatically.

- **Press the upper or bottom left buttons or the bottom right button to stop alarming; otherwise the clock will alarm every 4mins.**

4.7 TIME ZONE

- The time can be selected according to GMT of your country.

- The red button can be used to select the appropriate GMT and the buttons on the right hand side can be used to scroll up and down to select.

- Once the time is selected, the time and date on the screen will automatically update accordingly

4.8 ECG INTERFACE

- The ECG pan ID/SN is shown on the screen when ECG is selected from the menu and a VESAG ECG device pairs up with the VESAG watch.

- Once the zigbee is ON and when a request is sent to ECG by selecting **Request ECG** using the red button it starts connecting to the ECG device and also automatically starts updating the web portal unless **Stop sending ECG** is opted as shown in the picture.

4.9.LOW-VOLTAGE ALARMING FUNCTION

- If the watch has very low power and needs to be charged, an alarm would be sent immediately as follows.

- Battery is low, Please charge in time!

- This can be activated in the application by logging in with your username and password.

NOTICE

- This device is of non-waterproof design.
- This device work with the cooperation of CDMA network.
- Make sure that the SIM card has sufficient balance in order to avoid inconvenience in use.
- This device will not be able to work in case of power-off and out of the service area, even if you are a registered user.
- This device supports the dual positioning mode of GPS and CDMA.
- Please use this device in a legal area, any illegal consequence will be borne by the user.
- Note: Due to the high sensitivity of the GPS module adopted by this product, it is normal to be drifting with weak GPS signal.

WARRANTY DETAILS

(To be filled by Dealer)

- Customer name:
- Address:
- Dealer name and stamp:
- Device IMEI:
- Date of purchase:
- Note: Please retail this sheet.

Signature of dealer:

- I certify that the above checks and demonstrations have been done to my full satisfaction and that I am totally satisfied with the installations and performance of the VESAG watch.

(To be filled by Issuer)

- IMEI:
- Delivered On:
- (Tick appropriate)
- Any transit damage: yes/no
- Warranty terms explained: Y/N
- Basic demo given: Y/N

- Date :
- Time:
- Signature of the customer:
- Customer name:
- Address:
- Installed by:
- Telephone:

Warranty

- This warranty is confined to the first purchaser of the product only and within 12 months from the date of purchase.
- Repair or replacement will be carried out through the Company's Service Centres (Refer the website) or it's Authorized Service Centres or it's Dealer's Service Centres.
- For units installed beyond the municipal limits of the jurisdiction of the authorized service centre/company's service centre/authorised dealer's service centre, all expenses incurred in collection the unit or part/s thereof from the company's service centre/authorised service centre/authorised dealer's service centre, as well as expenses incurred in connection with deputing of service personnel/ technicians towards to and fro travel, conveyance and other incidentals etc. will be borne by the customer.
- In the event of repairs/replacement of any part/s of the unit, this warranty will thereafter continue and remain in force only for the unexpired period of the warranty. Moreover, the time taken for repair/replacement and in transit whether under the warranty or otherwise shall not be excluded from the warranty period.
- The company or it's authorized service centre/ service dealer, reserves the right to retain any part/s or component/s replaced at it's discretion in the event of a defect noticed in the equipment during the warranty period.
- Any change of address shall be intimated to concerned service centre for continuation of warranty. 6b. Warranty for the unexpired period shall continue after the product is inspected by the concerned service centre and the product is found free from transit damage. The customer shall have to pay a visiting charge towards inspection, as applicable. 6c. In case of any transit damage, the product shall be repaired by the concerned service centre on charges and warranty for unexpired period to continue.
- The warranty does not cover demonstration/ installation of the product purchased.
- The company's obligation under this warranty shall be limited to repair or providing replacement of part/s only. The maximum claim /s if entertained by the company will be subject to the maximum retail price of the product purchased or the purchase price, whichever is lower.
- In the event of any unforeseen circumstance, and spares not being available, the company's prevailing depreciation rules will be binding on the purchaser to accept as a commercial solution in lieu of repairs.
- The warranty does not cover an accessories external to the system.
- The warranty is issued at New Delhi , and Courts at New Delhi shall have exclusive jurisdiction over matters covered or flowing from this warranty.
- The company's obligation under this warranty shall be limited to repairing or providing replacement of part/s, which are found to be detective.
- Repairs during warranty period shall be carried on "Carry In" basis. Wherein for service the purchaser shall bring the product to the Service Centre with whom the set is registered for warranty service. The warranty does not cover cost of transportation of system from place of installation to the Service Centre.
- The concerned Service Centre will advise the customer whether to effect the repair at site or its Service Centre.
- Any part/s of the system replaced by the company at it's discretion shall be with a functionally operative part.

THIS WARRANTY IS NOT APPLICABLE IN ANY OF THE FOLLOWING CASES

- **THIS WARRANTY IS NOT APPLICABLE IN ANY OF THE FOLLOWING CASES:**

- Customer is enrolled into current VESAG service plan and his subscription expiry date is beyond 15 days.

- The completed warranty card is not presented to authorized personnel at the time of repair.

- The product is not purchased from an Authorized VESAG dealer.

- The product is not used according to instructions given in the instruction manual.

- Defects caused by improper use as determined by the company personnel.

- Modification or alteration of any nature is made in the electrical circuitry/ or physical construction of the set.

- Installation/ repair work is carried out by persons/agency other than authorized by the company.

- Site (premises where the product is kept) conditions that do not confirm to the recommended operating conditions of the machine.

- The original serial number is removed, obliterated or altered from the machine or cabinet.

- Defects due to cause beyond control like lightning, abnormal voltage, acts of God or while in transit to service centre or purchaser's residence.

FCC Statement

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

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

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

SAR: The device complies with RF specifications when the device used at 0mm from your body.
SAR Max.values: 1.85 W/Kg (10g) for extremity; 0.85 W/Kg (1g) for next to mouth.
1.861 W/Kg of The Highest simultaneous SAR value