



A M B I O H E A L T H <sup>TM</sup>

# Ambio Remote Health Monitoring System

## User Guide

# Ambio Remote Health Monitoring System

## Customer Service

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## Manufacturer

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Stamford, CT 06902

Firmware © Ambio Health 2012

Ambio Care Portal © Ambio Health 2012



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.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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# 1. General Precautions

When using the Ambio Health Remote Health Monitoring System (“System”), basic precautions should always be followed. The System is intended for home use. Please read and follow all instructions and warnings before using this product. Save these instructions for future reference.

The Ambio Health Remote Monitoring System is not intended for diagnosis or as a substitute for medical care, and it is not intended to provide real-time data. All patient diagnoses and treatment are to be performed under the supervision of a healthcare professional. The data is made available to the patients when time-critical care is not required. The System is contraindicated for patients requiring direct medical supervision or emergency intervention.

Reminder functionality is for convenience only and should not be used for health readings or medications that must be taken with close adherence to schedule.

Follow all instructions and precautions in the owner guides provided by the Glucose Meter and Blood Pressure Meter manufacturers.

Only use the System with compatible devices specified in this User Guide.

Do not attempt to service, calibrate, or repair System components. Periodically inspect System components including the supplied AC Power Adapter for damage. If components are damaged, contact Ambio Health for replacements.

Avoid exposing the System to extremes in temperature or humidity or to direct sunlight, shock and dust. Store and use within the temperature and humidity ranges noted on page 36.



Remove and replace batteries if devices are not used for more than six months.

To reduce the risk of fire or electric shock, carefully follow these instructions. The supplied power unit (AC Adapter) is intended to be correctly oriented in a vertical or floor mount position.

The System complies with the applicable standards for Electromagnetic Compatibility; however it is not recommended that it be used in the presence of strong electromagnetic fields. When using the System, keep away from sources of electromagnetic disturbances such as electric motors or radio transmitting equipment.

The System is intended for use only by those who have agreed to the Ambio Health terms and conditions.

## 2. Terms Used in This Guide

Patient	The person whose readings are taken and stored in the Care Portal.
Care Circle	The Patient's support team of Care Partners.
Care Partners	One or more individuals supporting the Patient; can include family members, peers, and/or professional caregivers.
Care Portal	Secure web-based application for viewing readings and managing settings for reminders, alerts and goals.
Health Meters	Homedics BPA-060 Blood Pressure Meter Wavesense Presto Blood Glucose Meter Ambio Scale
Wireless Connector	 Device that plugs into the Blood Pressure or Blood Glucose Meter to send readings from the meter to the Gateway.
Gateway	 Device that plugs into your home internet router to send readings to the Care Portal.

### 3. How to Set Up Your Devices

To use the Ambio System, you will need home broadband internet service with an open port.

#### A. Set Up the Gateway



1. Plug one end of the supplied Ethernet cable into the Gateway.



2. Plug the other end of the supplied Ethernet cable into your home internet router or hub.



3. Plug the round end of the supplied AC power adapter into the other side of the Gateway.





4. Plug the supplied AC power adapter into a standard 120V outlet.

A green light should appear on top of the Gateway.

## B. Set Up the Wireless Connectors



1. Your Wireless Connector has a CR2450 battery pre-installed. If the LED is not blinking green, replace the battery (see Section 8)



2. For the Glucose Meter, remove the rubber tab on top of the meter.



3. Plug the Wireless Connector with the cross icon into the top of the meter.



4. For the Blood Pressure Meter, plug the Wireless Connector with the heart icon into the side of the meter.



**Verify Gateway Set up:** Green light (on top of Gateway) means it is connected. Orange light means there is power but no internet connection - check your Ethernet cables. No light means there is no power. Check your AC adapter connection.

**Verify Wireless Connector:** Green blinking light indicates it is ready to use. Orange blinking light means it is sending readings. Do not take a new reading. No light means it needs a fresh battery.

## 4. How to Set Up the Care Portal

If you are a **first-time user**, we recommend setting up your system following the sequence of this User Guide. After initial set-up you can edit settings as you wish.

### A. Accept Invitation, Set Up Account

1. Look for the email from Ambio Health.
2. Review the email from Ambio Health and click **I KNOW THEM** if you wish to join.
3. The Ambio Health User Agreement will display. Click **I AGREE TO TERMS** button if you agree.
4. The **Set Your Password** page will display.
  - a. Enter and retype the password you wish to use. Passwords must be 6 or more characters and contain at least 2 of the following: a lower-case letter, an uppercase letter, a number, a special character.
  - b. Check “Keep me signed in” if you want the system to remember your password for you.
  - c. Click **Set Password** to save.

At this point the system will automatically **Log In** for you to set your preferences.

## B. Log In

1. Open your web browser program\* and go to [www.ambiohealth.com/account/login](http://www.ambiohealth.com/account/login).

\* Internet Explorer v6 or higher, Chrome v8 or higher, Safari v4 or higher or Firefox v8 or higher


2. Enter the **Email** and the **Password** you selected when you set up your account.
3. If necessary, click on ***Forgot Password?*** Your password will be sent to your Email.
4. Check the **Keep me signed in** box if you would like the system to automatically log you in when you visit the Care Portal.

## C. Add / Edit Patients

### To edit Patient information:

1. Click on the **Patients** link on the top of the page. Or, if you are logged in as the Patient, click your **Name**.



2. Update Name, Email and Telephone as needed.
3. Set meal times for the Blood Glucose reading display.
4. Set the Patient's time zone. This is used to receive Reminders at the proper time.
5. Set number of glucose test strips you have. This is used for test strips re-ordering.
6. Click the Save Changes button.
7. If you want to deactivate the Patient, click the  button. When prompted, click Yes, Delete to confirm.

### To add a Patient:

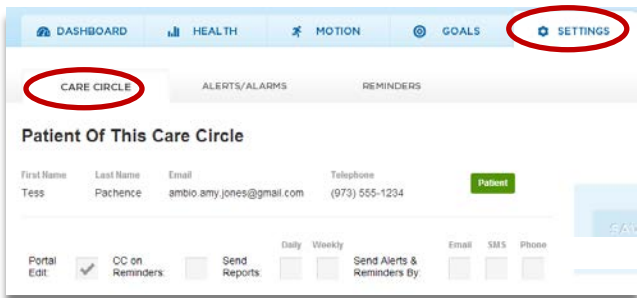
1. Click the **Add New** button at the bottom of the Patients page.
2. Enter the Patient Name, Email and Telephone Number.
2. Click the **Save Changes** button.

3. An invitation email from Ambio will be sent to the Patient. Once the Patient accepts the invitation (see [Section 4.A](#)) he or she will be activated in the system.

You can resend the email invitation by going back to the **Patients** button, locating the Patient record and clicking the [Resend Invite](#) link.

## To set Portal Edit and message delivery preferences:

1. Click on the **Settings** tab and then the **Care Circle** tab.



2. **Portal Edit** enables users to set preferences, reminders and alerts.
3. Check **CC: on Reminders** to turn on/off reminder messages.

4. Check **Send Reports Daily** or **Weekly** to turn on/off reports.
5. Check **Send Alerts & Reminders By Email, SMS** or **Phone** method to turn on/off delivery methods for messages.
6. Click the **Save Changes** button.

Note: **Account Owner** may display next to one person, which indicates they own the devices assigned to the Patient. Only the **Account Owner** can manage or re-assign those devices.

## D. Add / Edit a Caregiver

1. Click the **Add New** button at the bottom of the **Care Circle** page. The following section will appear:

The screenshot shows a form for adding or editing a caregiver. At the top, there are four input fields labeled "First Name", "Last Name", "Email", and "Telephone", followed by a close button (X). Below these fields is a section for settings. On the left, there is a "Portal Edit" label. In the center, there are two checkboxes: "CC on Reminders:" and "Send Reports:". To the right of these are two radio buttons labeled "Daily" and "Weekly". Further right is the "Send Alerts By:" label, followed by three checkboxes for "Email", "SMS", and "Phone".

2. Enter the Caregiver's name, email and telephone number.
3. Check boxes to indicate if the Caregiver will be able to edit Portal settings, receive copies of reminders, receive reports, and method to receive alerts.
4. An invitation email will be sent to the new Caregiver. Once the Caregiver has accepted the invitation (see [Section 4.A](#)) he or she will be activated in the system.

## E. Add / Edit Devices

Care Circle members who own meters (listed as the **Account Owner** in the Care Circle) are authorized to re-assign those meters. If you have a Wireless Connector or Scale and do not see the serial number in the device list, you can add it.

### To view / reassign devices:

Click on the **Devices** button on the top right of the page.



Devices Patients | Logged in as Ambio Logout

Switch Patient: Tess Pachence

## To manage device assignments:

SCA00000023 Scale  
Digital Scale Tess Pachence

1. Use the **Assigned to** drop-down list to reassign a device.
2. Click the **Save Changes** button to save.

## To add a new device:

1. Click the **Add New** button at the bottom of the Devices page. The following section will appear:

Device ID

Password

**FIND**

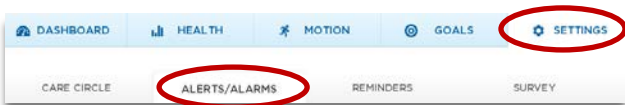
← Please enter Device ID and password to link device to this account

2. Locate the **Serial Number (SN)** and **Password (PW)** on the back of the device.
3. USE ALL CAPITAL LETTERS to enter the **Device ID (SN)** and **Password (PW)** on this page.

4. Click the **Find** button to confirm the entry is valid.
5. To assign the meter, select a Patient from the drop-down menu next to the device.
6. Click **Save Changes** when done.

## F. Set Health Meter Alerts

1. To set alert levels for the Scale, Blood Pressure Meter and Blood Glucose Meter, click the **Settings** tab and then the **Alerts/Alarms** tab.



You will then see a page to set alerts for your meters:

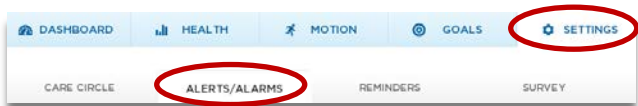
Scale	Send alert when reading is			Send alert to	
	Below	Above	Inactive for	Patient	Caregiver
weight	<input type="text" value="160"/>	<input type="text" value="205"/>	<input type="text" value="2"/> days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/> Send alert if weight changes more than <input type="text" value="5"/> lbs within <input type="text" value="2"/> days				

2. Alerts can be sent if readings are above or below the level you set. Enter **Below** and **Above** values you want to trigger an alert.
3. For the Scale, you can set an alert if the Patient's weight changes more than a specified number of pounds within a specified number of days.
4. Enter a number of days in the **Inactive for** box to send a reminder if a reading has not been taken for the specified number of days. If you want readings more than once per day use the **Reminders** tab instead.
5. Use the check boxes under **Send alert to** if you want the **Patient** and/or the **Caregiver** to receive the alerts. Go to the **Care Circle** tab to specify which Caregivers will receive alerts and the delivery method (Email, Text, Telephone).

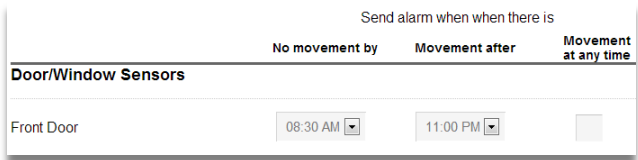
## G. Set Motion Sensor Alarm Settings

If you have the Ambio Activity Monitoring Product, you will see a section in the **Alerts/Alarms** page under the **Settings** tab listing your Motion and Door/Window Sensors.

1. Click the **Settings** tab and then the **Alerts** tab.



You will then see a page to set alarms for each of your sensors:

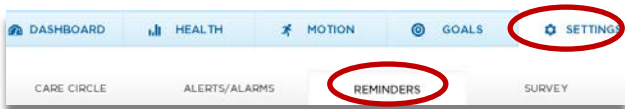


2. "No movement by" will send an alarm message if there is no movement at that sensor between midnight and the time set.
3. "Movement after" will send an alarm message if there is movement after the time set.
4. "Movement at any time" box checked will send an alarm if there is movement at any time at that sensor.
5. Alarm messages will be sent via email, text or telephone based on settings in the **Care Circle** page.

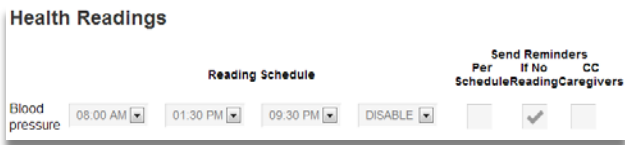
## H. Reading Schedule and Reminders

Enter the health meter reading schedule based on your care plan. The schedule is used both to send reminders and to determine points for readings taken in the Goals and Rewards section.

1. Click on the **Settings** tab and then the **Reminders** tab to manage Reminders settings:



You will then see a page to set your reading schedule and reminder settings for each of your meters:



2. Set the times per day a reading should be taken. Leave boxes set to "disable" if you have fewer than four readings per day.

3. Check the **Per Schedule** box if you want reminders sent at the scheduled times.
4. Check the **If No Reading** box if you want reminders sent only if a scheduled reading was not received.
5. Check the **CC Caregivers** box if you want Caregivers to receive copies of the reminders.
6. Reminders will be sent by email, text or telephone based on settings in the **Care Circle** page.
7. Click the **Add Medication** button at the bottom of the Reminders page to add a new medication. The following section will be displayed:

**Pill Reminders**

**Medication**

Aspirin 08:00 AM ▾ DISABLE ▾ DISABLE ▾ DISABLE ▾ DELETE

Daily ▾ Every day at the selected times above.

**Dosage** 1 pill **Instructions** take daily with food

8. For each medication, enter up to four scheduled times per day to take the medication.
9. Select the frequency:

- Daily – Every day at the specified times
  - Weekly by specifying the days of the week
  - Monthly by specifying the day of the month
10. Enter the dosage and instructions for taking the medication and click the Save Changes button.
  11. Verify the Patient received the expected reminders per the reminder schedule.


## 1. Set Goals

Goals can be set for taking readings per the schedule, keeping readings within target ranges, and tracking progress toward a target weight. The readings schedule you set up on the **Reminders** tab is used to calculate points for taking readings.

1. Click on the **Goals** tab and then the **Set Goals** tab to manage goal settings:



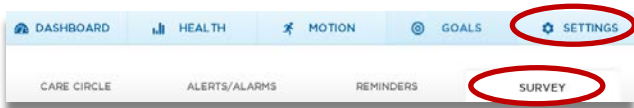
2. Click the **Add New** button to add a new goal. You can add as many goals as you want.

3. Select the goal you wish to track from the drop-down list.
4. Enter a number for **Weekly Goal Points**.
5. Enter a **Reward** that is something the Patient enjoys.
6. Click **Save Changes** to save.
7. Click the  button next to a goal to remove it.

## J. Set Up Patient Survey

The Survey tool can be used to gather qualitative information such as “How are you feeling today?” Surveys can be sent by email or telephone based on Patient preferences set on the **Care Circle** tab.

1. Click on the **Settings** Tab, then on the **Survey** tab.





2. Click the **Add Survey** button to create a new survey.
3. Enter the survey name to create a new survey, or select a predefined template using the drop-down box.
4. Enter the frequency for sending the survey (daily, weekly, monthly) and the time of day it should be sent.
5. To add questions, click the **Add Question** button. You can add multiple questions in a survey.
6. Enter the question to ask and the answer options.
7. Check the **Send alert when answer is chosen** box if you would like an alert to be sent if the Patient responds with that answer. Alerts will be sent by email, text or telephone based on preferences set in the **Care Circle** tab.
8. Click the **Add Answer Choices** button to add additional answers.
9. Click the **Save Changes** button when done.

## 5. How to Take and Send Readings

### A. Blood Pressure Readings

Please read and follow the directions in the HoMedics BPA-060 User Manual. Be sure you set the date and time in the meter.



1. Plug the Ambio Wireless Connector into the meter (if not already attached).



2. Place blood pressure cuff on arm with the tube in the front and tighten until snug. Rest arm on armrest or table.



3. Press the Start/Stop button. Try not to move while the reading is being taken.



4. Readings are sent automatically 3 times per day. Press the button if you want to send the reading immediately.

## B. Blood Glucose Readings

Please read and follow the directions in your **WaveSense Presto Owner's Guide**. Be sure you set the date and time in the meter.



1. Plug the Ambio Wireless Connector into the meter (if not already attached).



2. Insert a test strip into the meter.



3. Apply blood sample to test strip.



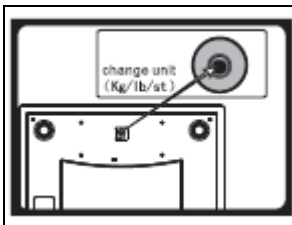
4. Remove test strip from the meter.



5. Readings are sent automatically 3 times per day. Press the button if you want to send the reading immediately.

## C. Scale Readings

### Set weight unit:



1. Step on scale to turn on
2. Turn the scale over
3. Press the unit switch button until the desired unit (Lb or Kg) appears on the LCD display.

### Taking a weight reading:

1. Place scale on a flat hard flat surface. Avoid carpeting or other soft surfaces.
2. Step evenly on the scale. Keep your body balanced with your weight even on both feet.
3. Your weight will appear in a few seconds.
4. Your reading will be sent automatically to the Care Portal and the scale will switch off

# 6. How to Use the Care Portal

## A. Dashboard

**Device Overview**

Devices	Last Reading	Last Updated
Blood Glucose	81 Normal Reading	Dec 11 - 8:31 pm
Scale	188 8 pounds Normal Reading	Dec 11 - 9:12 am
Blood Pressure	125/79 (Pulse: 56) Normal Reading	Dec 10 - 6:44 pm

**Calendar**

Month View | List View / Messages

← November | **December** | January →

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						01

**Tess's Goal Status**

100%  
75%  
50%  
25%

**Health Tip for Tess**

Laughing not only eases stress, promotes social bonding, and lowers blood pressure, it may also boost your immune system.

### Device Overview

Each device assigned to the Patient is displayed with a status icon and the value and time of the last reading. Click on a device to see readings history for that device.

will display if an Ambio Wireless Connector has a low battery. Please replace the battery in this device.

## Calendar / Month View

The calendar displays appointments entered by Care Circle members, as well as reading alerts generated by the system. The event description can be viewed by moving the mouse over the day and time of the event.

### To add a new appointment

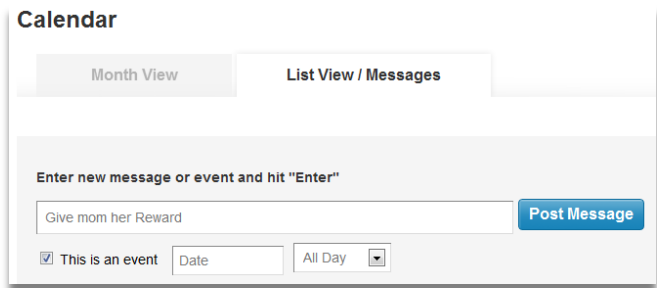
1. Click **month** buttons to move to the desired month.
2. Place the cursor on a specific day and click the **Add New** button that appears.
3. Fill in the details of the appointment.
4. Check the **Send Notification** box to add a reminder.
5. Click the **Save** button to save in the calendar.

### To edit an appointment

1. Click on the desired appointment time.
2. Edit the description, time or **send notification**.
3. To delete the appointment, click the **Delete** button.

## Calendar / List View

The List View can be used as a message board for the Care Circle.



The screenshot shows a web interface for a calendar. At the top, there are two tabs: "Month View" and "List View / Messages", with the latter being the active tab. Below the tabs is a text input field with the placeholder text "Enter new message or event and hit 'Enter'". The input field contains the text "Give mom her Reward". To the right of the input field is a blue button labeled "Post Message". Below the input field, there is a checkbox labeled "This is an event" which is checked. To the right of the checkbox is a text input field labeled "Date". Further right is a dropdown menu labeled "All Day" with a downward arrow.

### To add a message

1. Enter the text of the message and click the **Post Message** button.
2. Click the **This is an event** box to add the message as an appointment on the calendar. The date and time select boxes will display when you check this box.

### Goal Status

The Patient's percent achievement toward the current week's goal is displayed. See [Section 4.1](#) to learn how to set goals.



## B. Health Readings

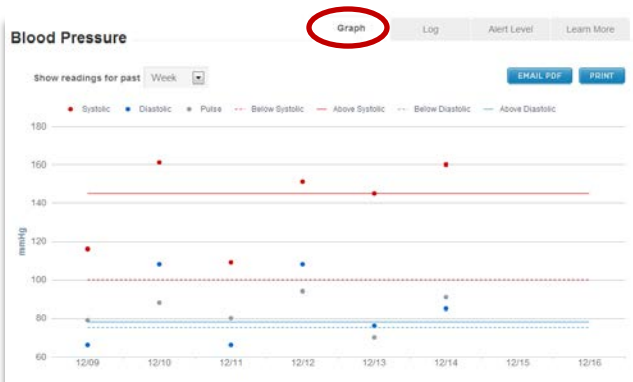
Click on the **Health** tab to go to the **Health Information** page.



From this page there are tabs for **Device Readings**, **Survey Results**, **Exercise Log**, **Food Log**, and **Patient Record**.

### Device Readings

Under this tab reading history can be viewed for each of the Patient's meters. You can select different time period using the select box next to **Show readings for**.



### Scale

[Graph](#)
[Log](#)
[Alert Level](#)
[Learn More](#)

Show readings for past

[EMAIL PDF](#)
[PRINT](#)

Date	Time	Weight
12/17/2012	7:43 AM	186.8
12/17/2012	7:27 AM	188.0
12/16/2012	1:43 PM	189.6
12/11/2012	9:13 AM	188.8
12/10/2012	7:06 PM	189.0
12/10/2012	1:45 PM	187.4
12/10/2012	9:56 AM	188.8

You can add a comment to a reading by clicking on the reading number. Click on the yellow note icon

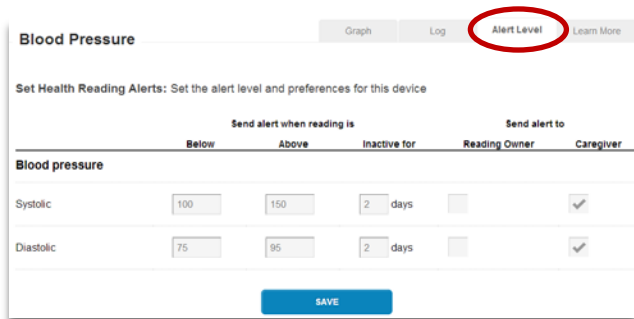


to view a comment for a reading.

You can email or print your readings using the [EMAIL PDF](#) [PRINT](#) buttons on this page.

## Device Readings – Set Alert Levels

Set upper and lower threshold levels that will trigger an alert and determine who should receive the alert. Set alert levels based on your healthcare provider's guidance. Go to the **Care Circle** tab on the **Settings** page to specify which caregivers should receive the alerts. When done click the **Save** button.



The screenshot shows the 'Alert Level' settings for Blood Pressure. The 'Alert Level' tab is highlighted with a red circle. Below the title, there are tabs for 'Graph', 'Log', and 'Alert Level' (circled in red), and a 'Learn More' link. The main heading is 'Blood Pressure'. Below it, the instruction reads: 'Set Health Reading Alerts: Set the alert level and preferences for this device'. There are two columns: 'Send alert when reading is' and 'Send alert to'. Under 'Send alert when reading is', there are three options: 'Below', 'Above', and 'Inactive for'. Under 'Send alert to', there are two options: 'Reading Owner' and 'Caregiver'. The 'Blood pressure' section has two rows: 'Systolic' and 'Diastolic'. For 'Systolic', the 'Below' value is 100, the 'Above' value is 150, and the 'Inactive for' value is 2 days. For 'Diastolic', the 'Below' value is 75, the 'Above' value is 95, and the 'Inactive for' value is 2 days. There are checkboxes for 'Reading Owner' and 'Caregiver' for each row, both of which are checked. At the bottom, there is a blue 'SAVE' button.

	Send alert when reading is			Send alert to	
	Below	Above	Inactive for	Reading Owner	Caregiver
<b>Blood pressure</b>					
Systolic	100	150	2 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diastolic	75	95	2 days	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Survey Results

This tab displays completed survey results for the specified Patient.

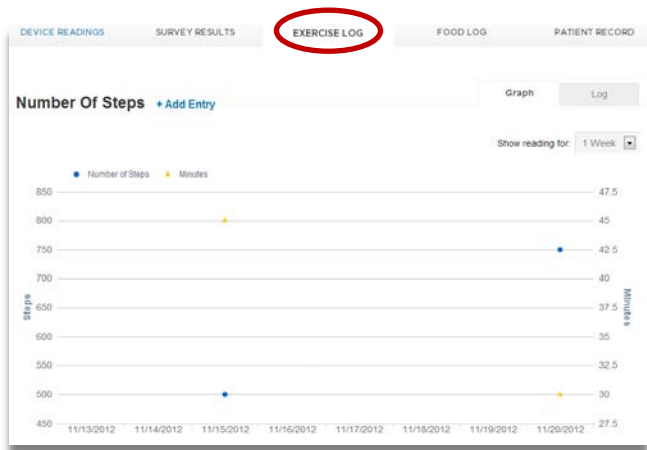


The screenshot shows the 'Survey Results' tab, which is highlighted with a red circle. The navigation bar includes 'DEVICE READINGS', 'SURVEY RESULTS' (circled in red), 'EXERCISE LOG', 'FOOD LOG', and 'PATIENT RECORD'. Below the navigation bar, there is a dropdown menu for 'Select a survey' with 'Pill Survey' selected, and another dropdown menu for '1 Week'.

Select the survey you wish to review using the **Select a survey** drop-down menu, and change the display time period using the time period drop-down menu.

## Exercise Log

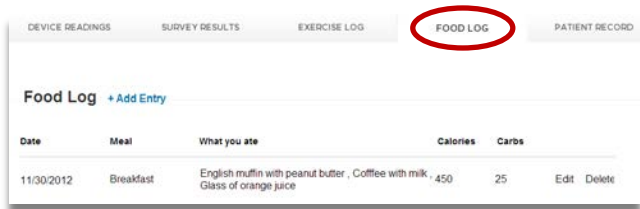
On this tab you can view and add entries for **Number of Steps** (from pedometer) and/or **Minutes of Exercise**.



Click the + **Add Entry** button to add a new entry. Click the **Graph** tab to show entries in graph format and the **Log** tab to show entries in log format.

## Food Log

On this tab you can view and add entries including food items and total carbs and calories eaten.

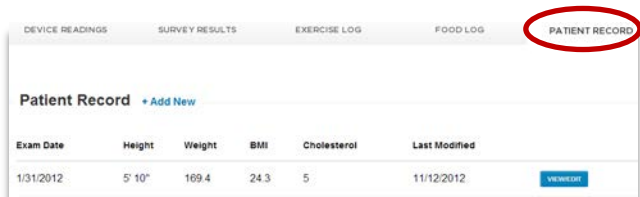


DATE READING	SURVEY RESULTS	EXERCISE LOG	FOOD LOG	PATIENT RECORD
<b>Food Log</b> + Add Entry				
Date	Meal	What you ate	Calories	Carbs
11/30/2012	Breakfast	English muffin with peanut butter , Coffee with milk Glass of orange juice	450	25
				Edit Delete

- Click + **Add Entry** to add a new entry.

## Patient Record

On this tab Patient examination and test results can be viewed and entered.

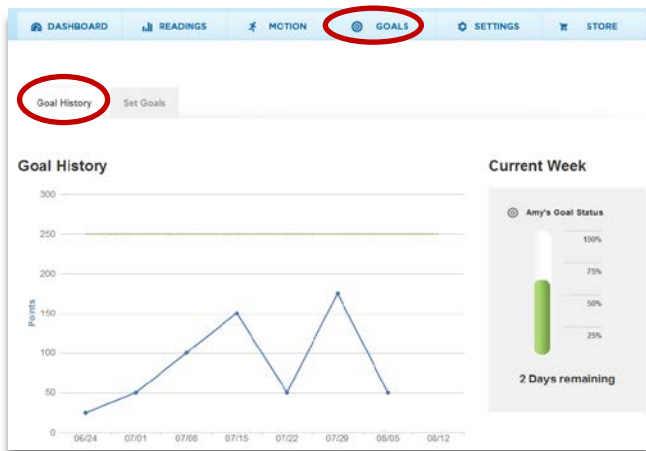


DATE READING	SURVEY RESULTS	EXERCISE LOG	FOOD LOG	PATIENT RECORD	
<b>Patient Record</b> + Add New					
Exam Date	Height	Weight	BMI	Cholesterol	Last Modified
1/31/2012	5' 10"	169.4	24.3	5	11/12/2012
					<a href="#">View Record</a>

- Click + **Add New** to add a new entry.

## C. Goal Tracking

Click on the **Goals** menu tab and then the **Goal History** tab to see the goals results history.



- The **Goal History** graph on the left side shows weekly points achieved and the points target for the selected patient.
- The **Current Week** chart on the right side shows the points earned so far as a percentage of the target and number of days remaining.

## 7. Maintenance and Cleaning

### Maintenance:

Check the Gateway, Wireless Connectors and Scale for cracks and check the supplied AC adapter for damage with each use. If damaged, discontinue use and contact Ambio for replacements.

### Cleaning:

As needed, clean the Gateway, Wireless Connectors and Scale with a soft cloth with a mild detergent. Detach the AC adapter before cleaning the Gateway.

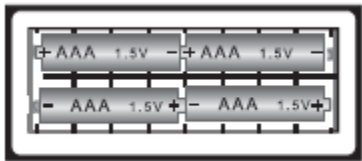
### Replacing Batteries:

#### Wireless connectors:



- Turn Wireless Connector upside down
- Pinch latches on the battery tray and pull out.
- Place CR2450 battery on tray with plus + side up
- Slide battery tray back in

## Scale:



Turn the Scale over and remove battery compartment cover. Replace 4 AAA alkaline batteries with positive + and negative – terminals matching the display in battery compartment. Replace the battery compartment over.

**Note:** Batteries are hazardous waste. Do not dispose of them together with the household garbage. Consult your local regulations for proper disposal.

## 8. Troubleshooting

**Problem:** Readings from your device(s) do not appear in the Care Portal.

### Possible Solutions:

1. Devices may be out of range of the Gateway. Bring device(s) closer to the Gateway.
2. Is the Gateway LED light green? If not:



- Verify the supplied AC power adapter is plugged into the Gateway and an active outlet.
  - Check that the Ethernet cable is plugged into the Gateway and your home router / hub and that your internet connection is live by going to [www.google.com](http://www.google.com). If that website does not display, contact your ISP.
  - If a green light is still not displayed on the Gateway, contact us to replace it.
3. On the Wireless Connector is there a blinking green or orange light? If not, replace the battery (see [Section 7](#)). If there is still no blinking light, contact us.
  4. Is your device assigned to you in the Care Portal? Go to the **Devices** tab. Confirm that 1) your device is listed, 2) it is assigned to the correct User and 3) the Serial Number on the back of the device matches the Device ID in the screen. If not, add your device (see [Section 5.C](#)) or assign to the desired User.

If you are still having trouble, contact us:

- Visit us at [www.ambiohealth.com/contact](http://www.ambiohealth.com/contact).
- Email us at: [support@ambiohealth.com](mailto:support@ambiohealth.com).
- Call us at 203-612-5600.


## 9. Device Display Outputs

Wireless Connectors	Green blinking light – ready to use Orange blinking light – transmission in progress, wait until green light reappears No light – replace battery
Gateway	Green light – ready to use Orange light – no internet connection No light – no power connection
Scale	Weight display solidly lit – weight reading in progress Weight display blinking – weight reading complete Display not back lit – battery low Kg / Lb – weight unit EEEE – reading error, step off and back on to try again


## 10. Specifications

### Gateway:

Dimensions:	115 mm x 68 mm x 37 mm
Power Source:	Approved UL-60601 Medical Grade power supply DC 5V 1.5W
Ethernet Port:	Ethernet RJ-45
Operation Environment:	Temperature: 50°F~104°F (10°C ~40°C) Humidity: 15% ~ 90% RH
Storage Environment:	Temperature: -4°F~158°F (-20°C~70°C) Humidity: Less Than 90% RH
Wireless function	Communicate with Ambio Wireless


	Connectors and Ambio Scale
Wireless RF frequencies	908.5 Mhz + 1.1235*n Mhz (where $0 \leq n \leq 10$ )
Wireless range:	30 meters (98 feet) typical in home
Accessories	UE Switching Power Adapter (UE08WCP-050030SPA) 3' Ethernet cable CAT-5
	Type B Equipment IPx0-No special protection against the ingress of water Not suitable for use in presence of flammable mixtures Continuous operation

### Wireless Connectors:

Dimensions:	46 mm x 43 mm x 15 mm
Power Source:	One CR2450, 3 volt, lithium battery, replaceable
Data Port:	USB-Mini-B-5male
Wireless function	Communicate with Ambio Gateway
Wireless RF frequencies	908.5 Mhz + 1.1235*n Mhz (where $0 \leq n \leq 10$ )
Wireless range:	30 meters (98 feet) typical in home
Operation Environment:	Temperature: 50°F~104°F (10°C ~40°C) Humidity: 15% ~ 90% RH
Storage Environment:	Temperature: -4°F~158°F (-20°C~70°C) Humidity: Less Than 90% RH
	Internally powered equipment Type B Equipment IPx0-No special protection against the ingress of water





	Not suitable for use in presence of flammable mixtures Continuous operation
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### Scale:

Function	Auto step on / off Automatic switch off Unit: Kg / Lb
Dimensions:	12" x 12" x 1"
Power Source:	6V - four 'AAA' 1.5 volt alkaline
Capacity:	5-180 kg (11-396 lb)
Accuracy:	+/- 0.1 kg (0.2 lb)
Wireless function	Communicate with Ambio Gateway
Wireless RF frequencies	908.5 Mhz + 1.1235*n Mhz (where 0<=n<=10)
Wireless range:	30 meters (98 feet) typical in home
Operation Environment:	Temperature: 32°F~95°F (0°C ~35°C) Humidity: 15% ~ 90% RH
Storage Environment:	Temperature: -4°F~158°F (-20°C~70°C) Humidity: Less Than 90% RH
	Internally powered equipment Type BF Equipment IPx0-No special protection against the ingress of water Not suitable for use in presence of flammable mixtures. Continuous operation

NOTE: Specifications are subject to change without prior notice or any obligation on the part of the manufacturer.

## 11. Symbol Definitions

	Attention, consult instructions
	Type B Applied Part
	Type BF Applied Part
	Direct Current

## 12. Warranty

Ambio Health offers customers who buy (“You”) a new Ambio Gateway and/or a new Ambio Wireless Connector and/or a new Ambio Scale (“Devices”) within the United States the following purchase protections.

Ambio Health extends a two-year limited warranty to consumers who buy a new Ambio Device. Under this limited warranty, Your new Device is covered for a period of two years from date of purchase as long as it has not been modified, altered or misused. Under this warranty Ambio Health will replace, free of charge, Your Device if it is defective in material or workmanship. No other warranties express or implied, are made. Ambio Health will not be liable for any incidental or consequential damages, so the above limitations or exclusions may not apply to You. This Warranty gives You specific legal rights, and You may also have other rights that vary from state to state.

To obtain Warranty service on Your Device, mail the Device and either Your dated sales receipt or Your Ambio Care Portal Email User ID (as proof of purchase) to:

Ambio Health – Warranty Dept.  
112 Southfield Avenue  
Stamford, CT 06902

Ambio Health may adjust the terms of this Warranty at any time without notice.

The Ambio Care Portal warranty is specified in the Ambio Terms and Conditions for Sale found at [ambiohealth.com/pages/terms](https://ambiohealth.com/pages/terms)



