

User Guides for Mobile App

This category contains documents related to mobile software

- [mVizuo Mobile App for Android](#)

mVizuo Mobile App for Android

MN-VIZUO-EN

2020-03-02



1. Functions Change Log

Release Date	Version	Functions Change	Name Account Change
2020-03-02	1.0	Create page to change account information	trungtin.nguyen@daviteq.com
2020-08-18	1.0	Complete documentation	trungtin.nguyen@daviteq.com

2. Installation

11:47

41%

vizuo



Did you mean: vizio



Vizuo
Globiots Company Ltd.
4.6 ★ Installed



XSW UFO
MARK mai
2 MB 2.7 ★



Remote Control For Vizio
sfunapps
3 MB 3.8 ★



WiFi UFO
MARK mai
32 MB 3.5 ★



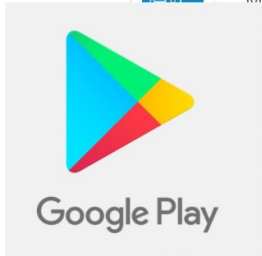
XSW GPS
steven liu
47 MB 2.8 ★



Drone Remote Control For All Drone...
SjajnoAplikeRazvoj
12 MB 4.1 ★



Universal remote control for vizio
Remote Control Tv
7.5 MB 3.5 ★



To find the App manually, navigate to the Google Play Store download. and search **vizuo**".

11:48

41%



Vizuo
Globiots Company Ltd.

4.6 ★
12 reviews

4.7 MB

3+
Rated for
3+ ⓘ

1K
D

Install

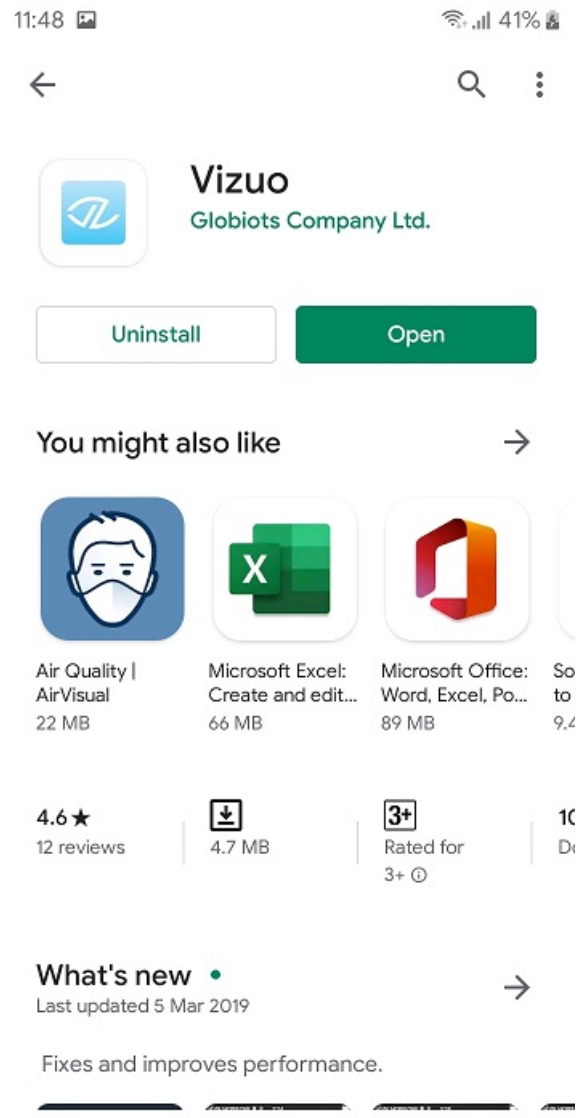
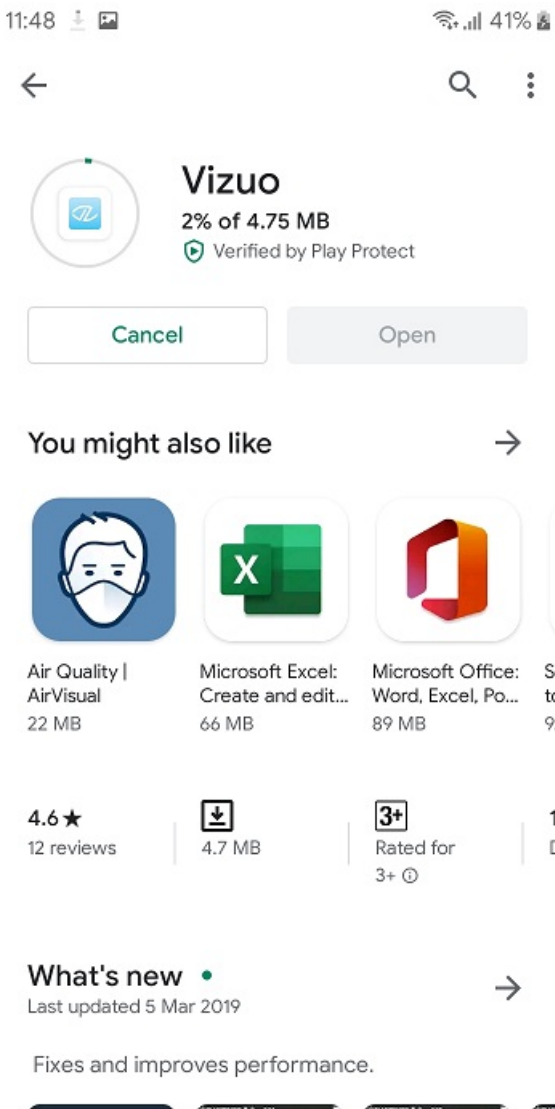


About this app →

Vizuo is a software for end-customers to visualize raw Data, analyzed Data.

Productivity

Select **INSTALL** to begin the



Please wait while the Vizuo Mobile App is being downloaded
Mobile App.

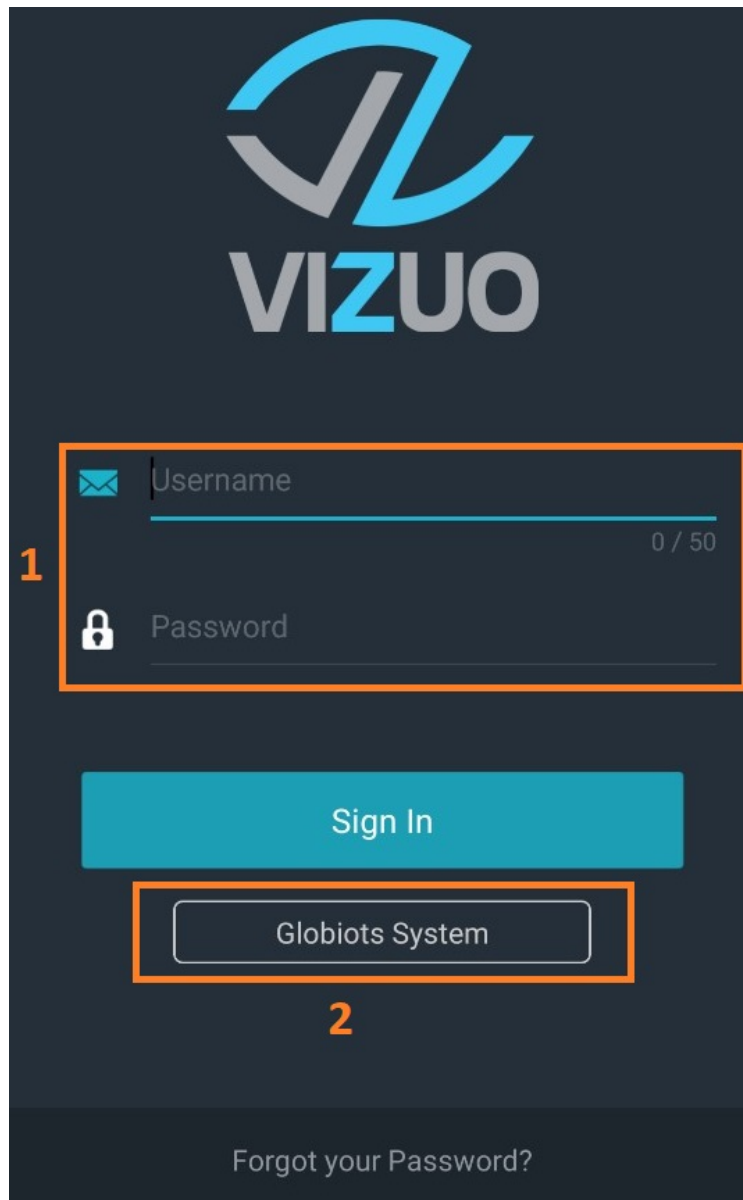
and installed.

Select open to start using the Vizuo

3. Account Information

3.1. Login

When you open the Vizuo Mobile App you may be asked to Login. Follow the steps to learn how to successfully log into your account.



Note:

1. Form login - where to fill login information (username, password). Input your username and password, then select **Sign In**.

2. Where to choose the server. By default, the application will point to the cloudGlobiots service of Daviteq. If you want to point to another server, select **Globiots System**, then select **Location Customize**

3.2. Forgot password



Forgot your password?

Enter your e-mail or username you registered with Globiots below to reset your password

Your E-mail or Username


0 / 5-45

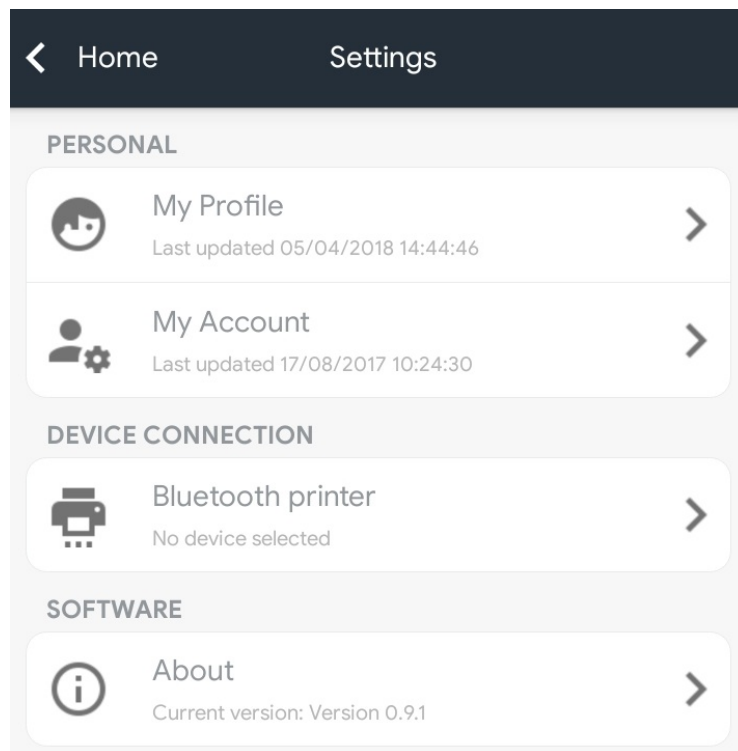
Recover Password

← Back to Sign In

If you cannot remember your password, select **Forgot your password**, then input your email address and select **Recover Password**.


3.3. Change the account information

To change account information, click on the icon  in the upper left of the screen, then select **Settings**, the screen appears interface settings as follows:



- **My Profile:** View and change information: Name, Password, Email, ..
- **My Account:** View product package information, access management.
- **Bluetooth printer:** Select a printing device that transmits a Bluetooth signal.
- **About:** View the current version of the software.

3.4. Log out

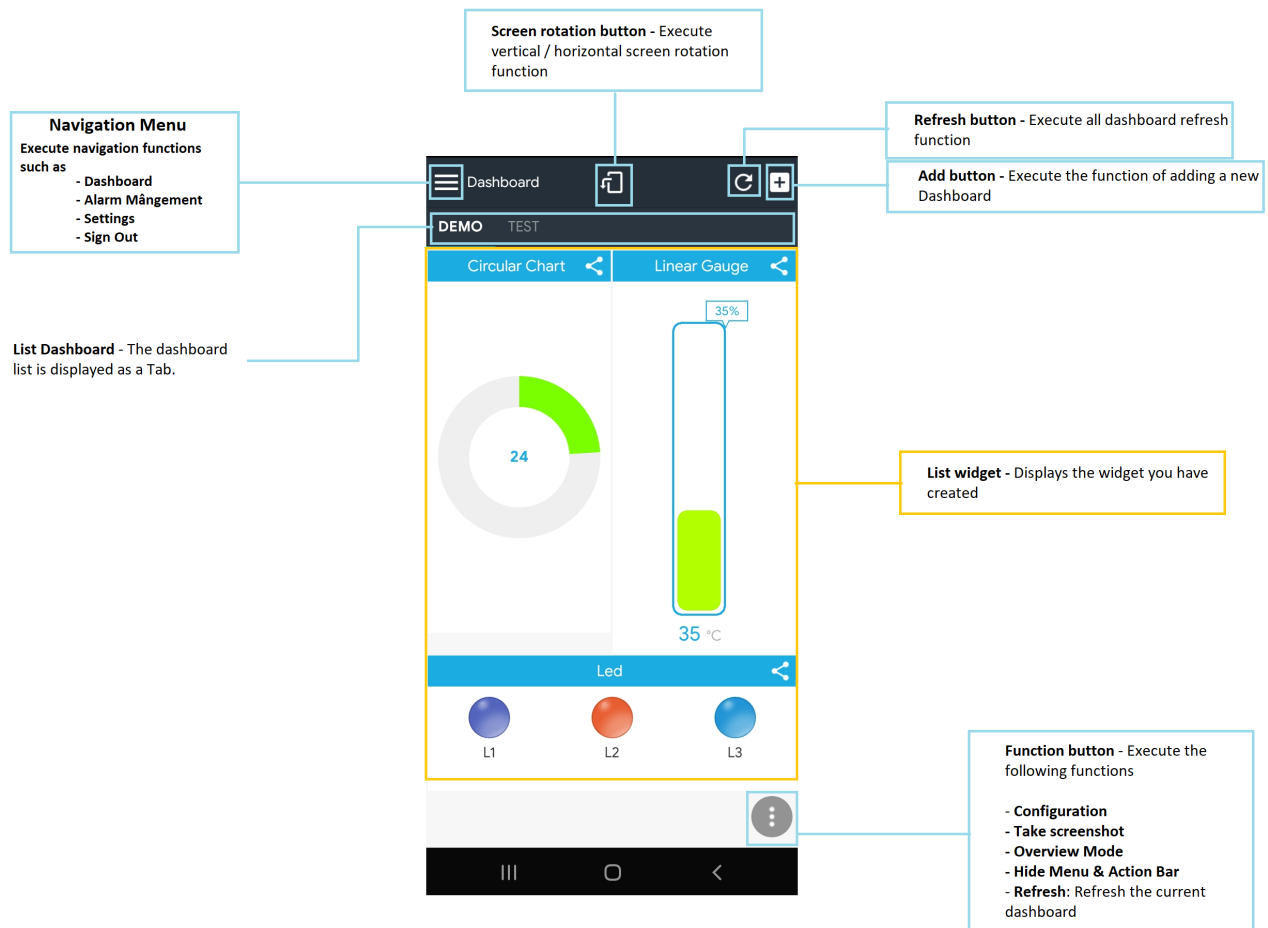
Click on the icon  in the upper left of the screen, then select **Sign Out**

4. Dashboard


Dashboard is the place to display the current value (Realtime) or the value from the database of parameters. Dashboard can also record values and control status for parameters. Each Dashboard is organized in a tab. When the displayed value is from the database, the dashboard will update the value after a specified time. Dashboard includes the widgets inside as shown below:

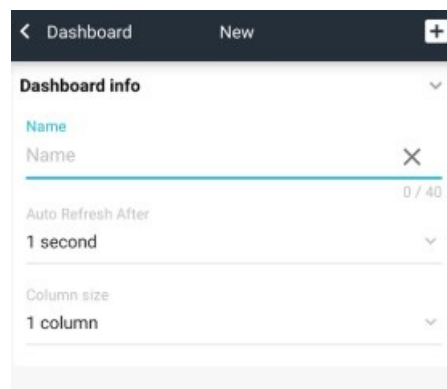


Main Screen



4.1 Create a Tab in Dashboard

At the Dashboard interface, click the  icon in the right corner of the screen to declare the Dashboard configuration as follows:



The meaning of the fields in the interface above:

- **Name:** Dashboard name, enter up to 40 characters.
- **Auto Refresh After:** Time Dashboard automatically updates Realtime value, choose 1-5 seconds.
- **Column size:** Number of columns created in Dashboard, choose 1-5 columns.





For example, selecting 3 columns means that it will divide the screen into 3 parts vertically.

Once done, click the **Add** icon in the upper right corner to create the Widget.








The widget list interface appears as follows:

Add Widget



Monitoring & Control ▾

-  Circular Chart
-  Solid Gauge
-  Linear Gauge
-  Switch Button



Monitoring ▾

-  Column Chart
-  Table
-  Historical Trending Chart
-  Pie Chart
-  Led
-  Smart Cell(Beta Version)
-  Machine Monitoring 1.0

Control ▾

-  Simple Button
-  Dropdown List

Report ▾

-  Historical Printer Report
-  Ems Report

CANCEL

Proceed to create a Widget (details in Widget section).

Then select **Save** in the upper right corner of the screen, select **Configure** ⇌ **Configure** ⇌ select **Add** to complete creating Dashboard containing the Widget that we have selected.

4.2 Duplicate Dashboard

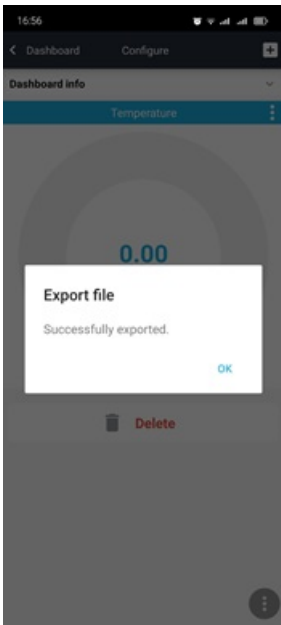
To duplicate a dashboard, implement export original dashboard and import it to same user and different user

1. Export original dashboard


In the bottom right corner of the original dashboard, click the icon




, click No Folder to Select and then pop up menu will inform the successful import

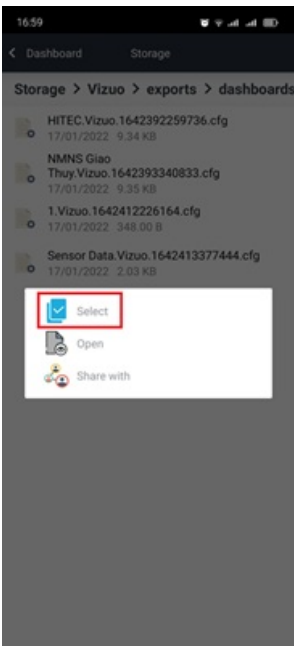
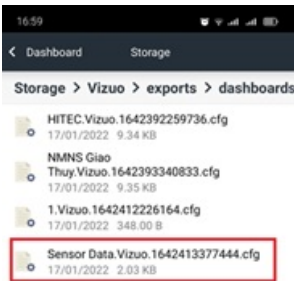


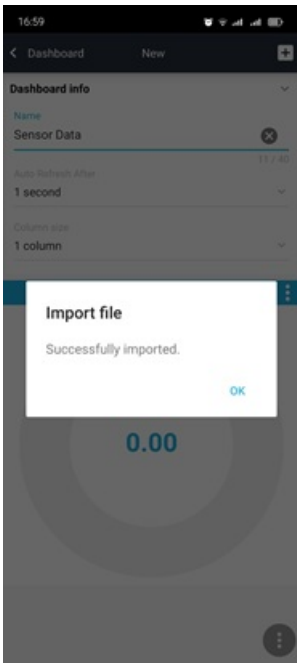
2. Import dashboard

If original dashboard needs to import to another account. log out current account and log in to another account. At the Dashboard interface, click the  icon in the right corner of the screen then select



and choose the original dashboard file then click  **Select** and a popup menu for import successfully will appear. Click <Dashboard, click Add to complete import the dashboard



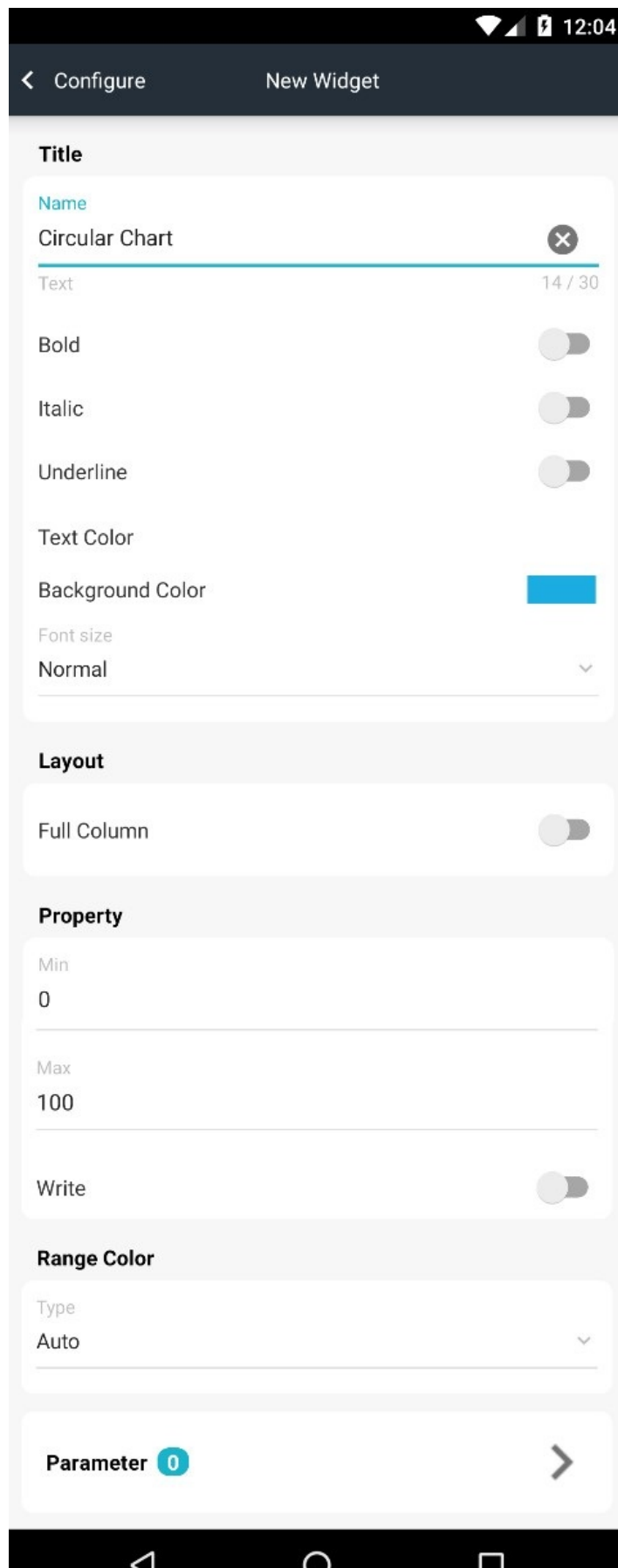


4.3 Create a Widget in Tab

A. Monitoring & Control Group

1. Circular Chart

From the list of widget types as above, choose the **Circular Chart** interface that appears as follows:

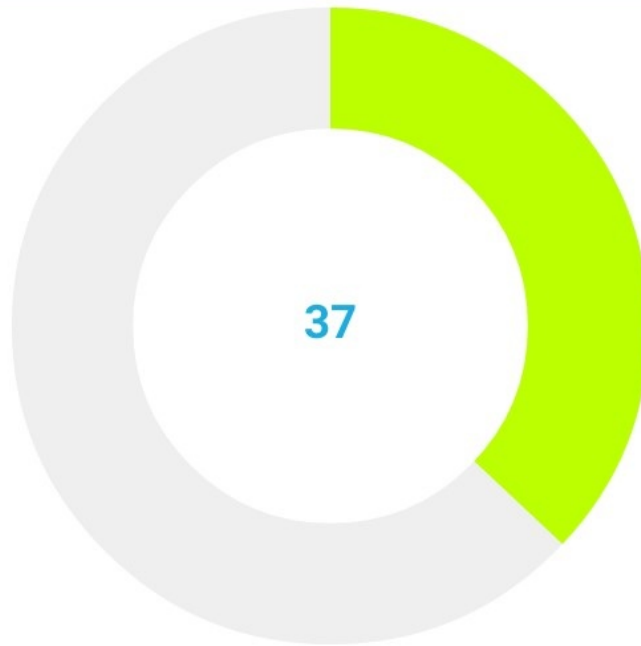


- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (Small - Normal - Large).

- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Property: Set the Min, Max value that the parameter can reach.
- Write: Drag right to allow writing down a parameter (for a parameter with a hex address of 3000-31FF)
- Parameter: Click on **Parameter**, then select **Add** in the upper right corner of the screen.

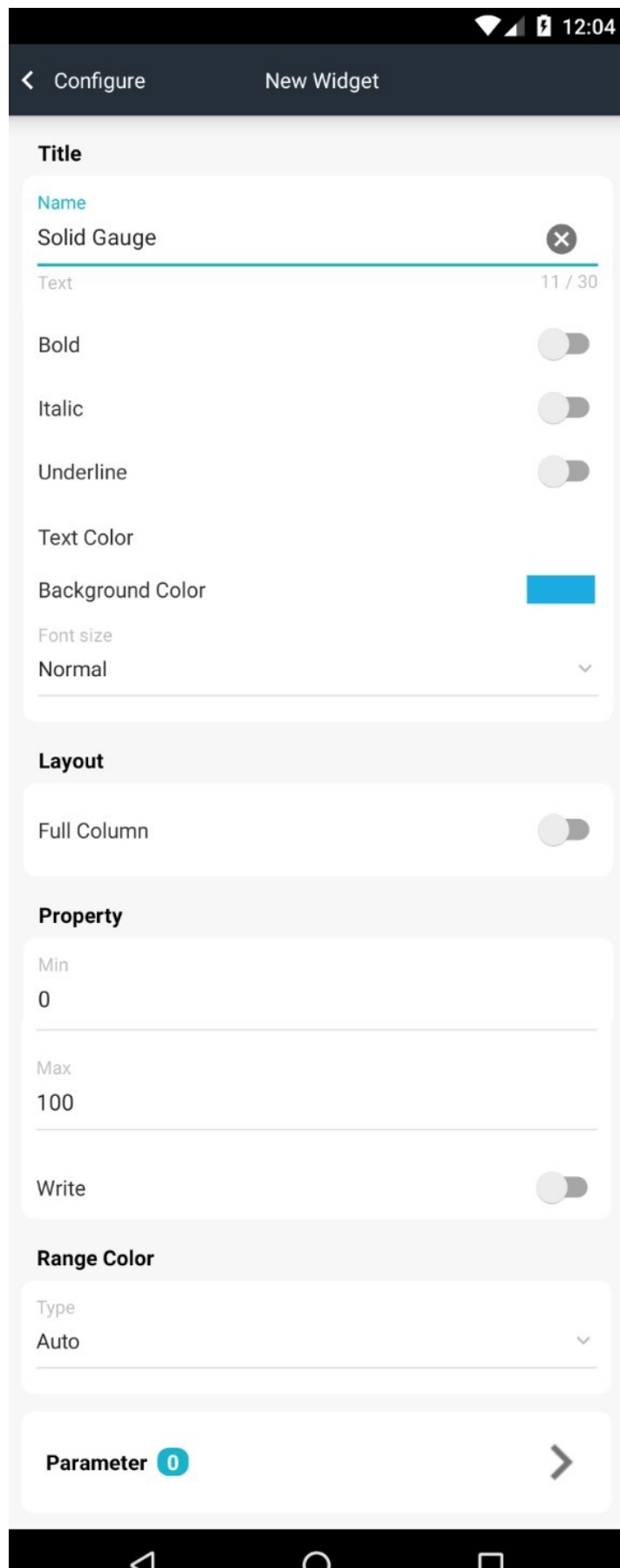
The interface appears as follows:

- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
 - Name: Select a name to display
 - Select a name according to the database name (Select **Database** ⇔ Select **Parameter Name**).
 - For custom naming (Select **Constant** ⇔ Enter a name for the **Parameter Name**).
 - Type: Select the parameter type to display (last log data from Database (**Last value**) / real time value (**realtime value**) from Device.
 - Stypes: The parameter format is displayed in the Configuration Parameter List.
- After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



2. Solid Gauge

From the list of widget types as above, choose the **Solid Gauge** interface that appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (Small - Normal - Large).

- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Property: Set the Min, Max value that the parameter can reach.
- Write: Drag right to allow writing down a parameter (for a parameter with a hex address of 3000-31FF)
- Parameter: Click on **Parameter**, then select **Add** in the upper right corner of the screen.

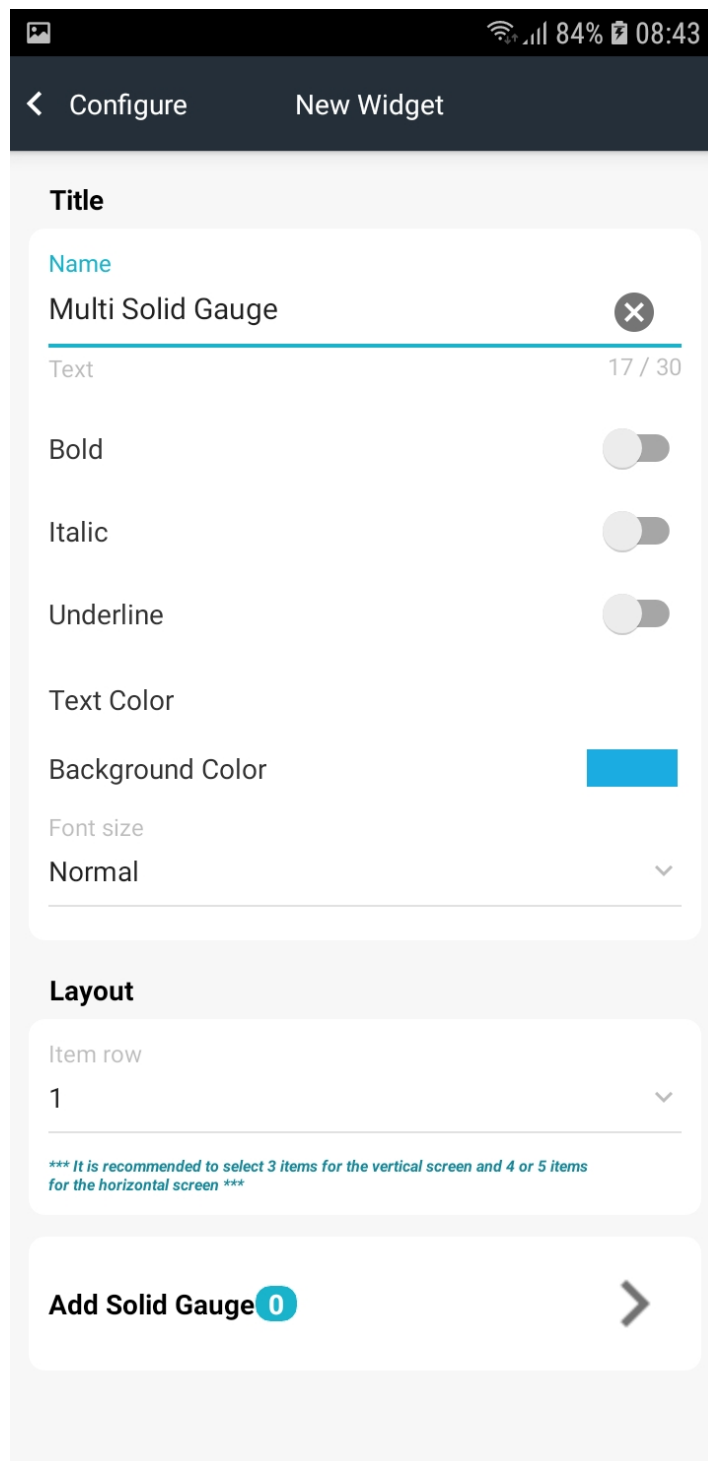
The interface appears as follows:

- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (Select **Database** ⇨ Select **Parameter Name**).
 - For custom naming (Select **Constant** ⇨ Điền tên vào **Parameter Name**).
- Type: Select the parameter type to display (last log data from Database (**Last value**) / real time value (**realtime value**) from Device.
- Stypes: The parameter format is displayed in the Configuration Parameter List.

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:

3. Multi Solid Gauge

From the list of widget types as above, choose the **Multi Solid Gauge** interface that appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Name: Enter the name you want to display.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Text Color: To choose the color of the text.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (Small - Normal - Large).
- Layout
 - Item row: Select the number of solid gauges displayed per line (from 1 to 5 solid gauges).
- Add Solid Gauge: Click Select **Add Solid Gauge**, then select **Add** in the upper right corner of the screen. The interface appears as follows:



Label

Name

temp 1st floor



Text

Bold



Italic



Label Color



Parameter

Device

demotrongrau



Select parameter



Name

Type

Database



Parameter name

Parameter Name



Type

Type

Device



Property

Realtime



Property

Min

0

Max

100

Write



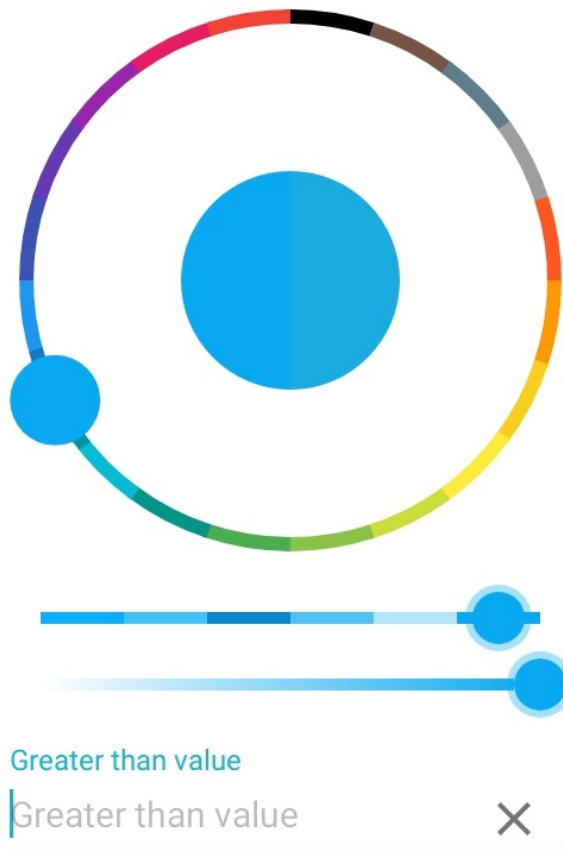
Range Color

Type

Auto



- Label: Name and format Label for Solid gauge.
 - Name: Enter the name you want to display.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Label Color: To select the color of the text.
- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (select **Database** ⇨ select **Parameter Name**).
 - For custom naming (Select Constant ⇨ Enter a name for the Parameter Name).
- Type: Select the parameter type to display (last log data from Database (**Last value**) / real time value (**realtime value**) from Device.
- Property: Set the Min, Max value that the parameter can reach as well as allowing to write down the parameter for the parameter (for parameters with hex address 3000-31FF).
 - Min: the lowest value the parameter can reach.
 - Max: the highest value the parameter can reach.
 - Write: Drag right to enable writing down for the parameter.
- Range Color: Select a display color area
 - Automatic color zone (Select Auto).
 - Custom color zones (Select **Custom** ⇨ Select **Add** range color ⇨ The interface appears as below).

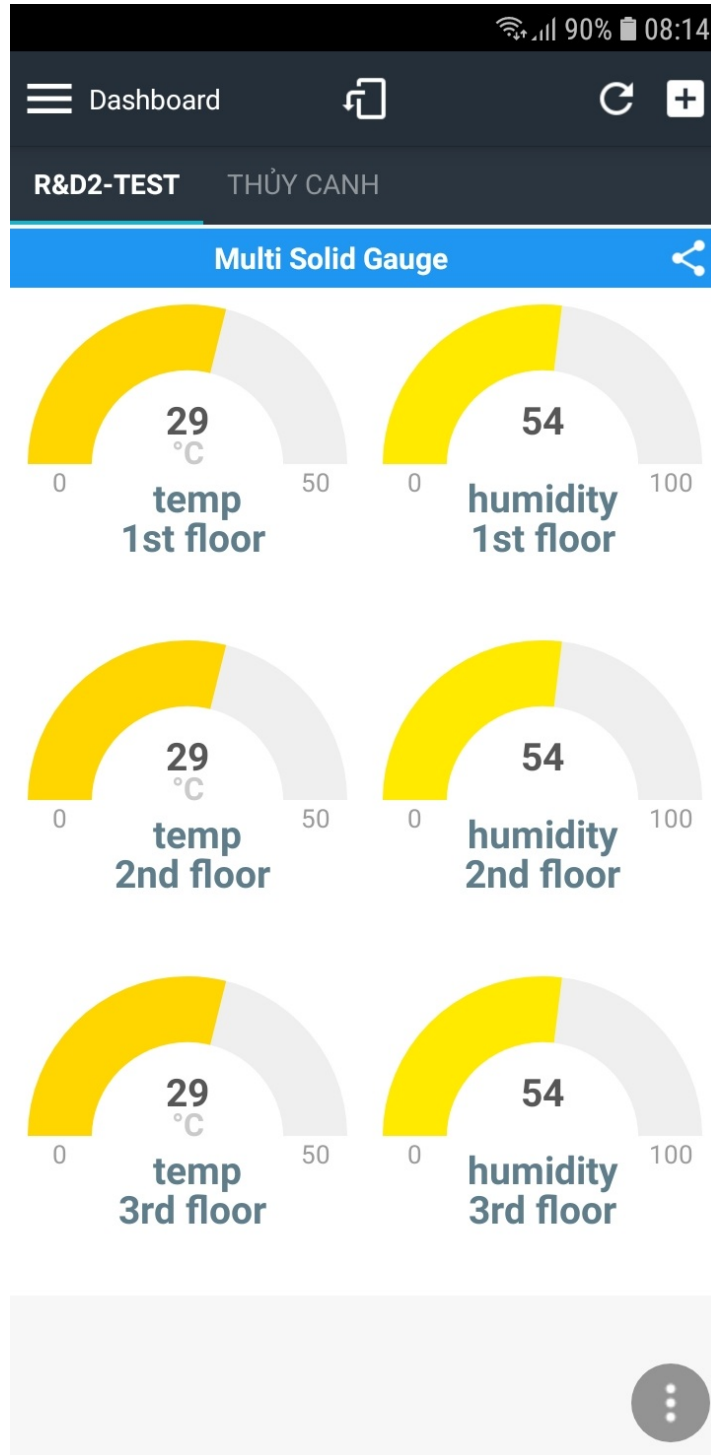


CANCEL

OK

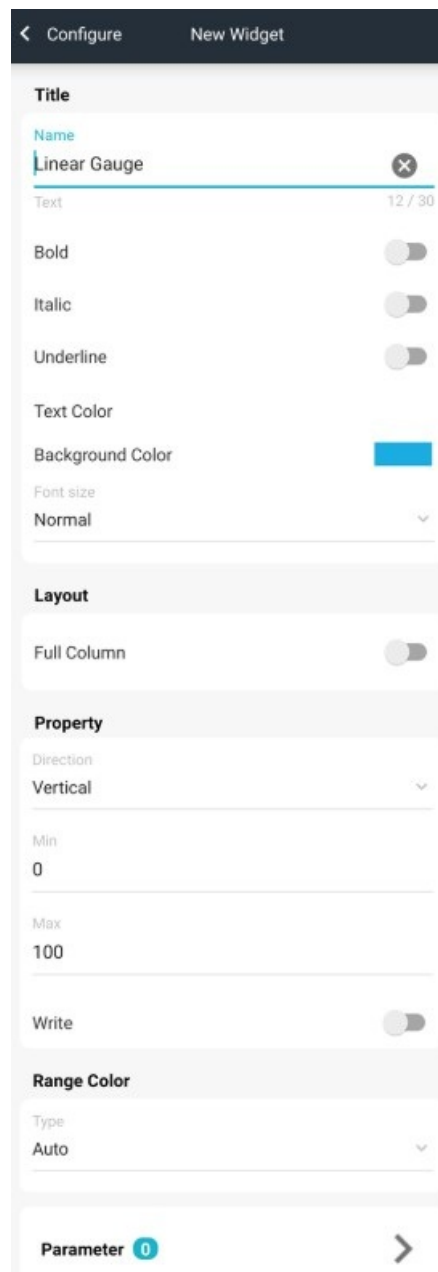
Here we fill in the value and select the color you want to display. Then press Select OK to finish the process.

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



4. Linear Gauge

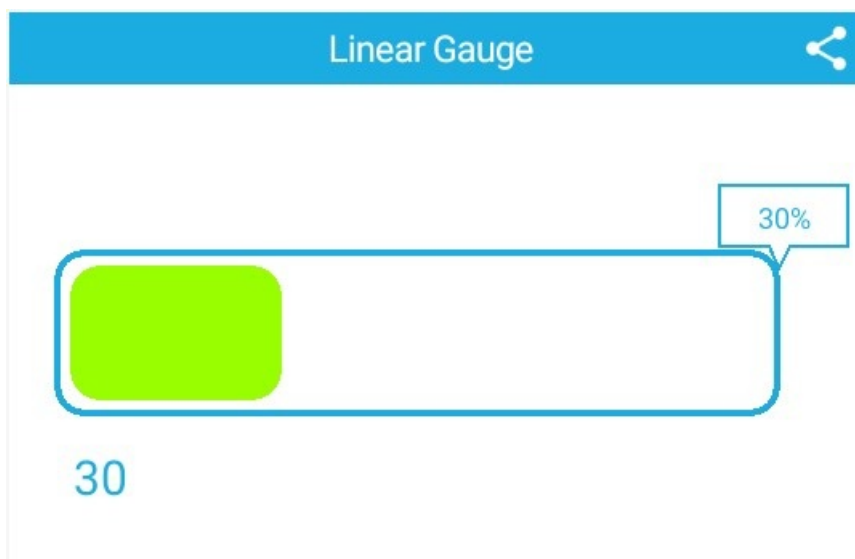
From the interface list of widgets as above, select **Linear Gauge** The interface appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (Small - Normal - Large).
- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Property:
 - Select the horizontal style (Horizontal) or vertical style (Vertical)
 - Set the Min, Max value that the parameter can reach.
- Write: Drag right to allow writing down a parameter (for a parameter with a hex address of 3000-31FF)
- Parameter: Click on **Parameter**, then select **Add** in the upper right corner of the screen.
The interface appears as follows:

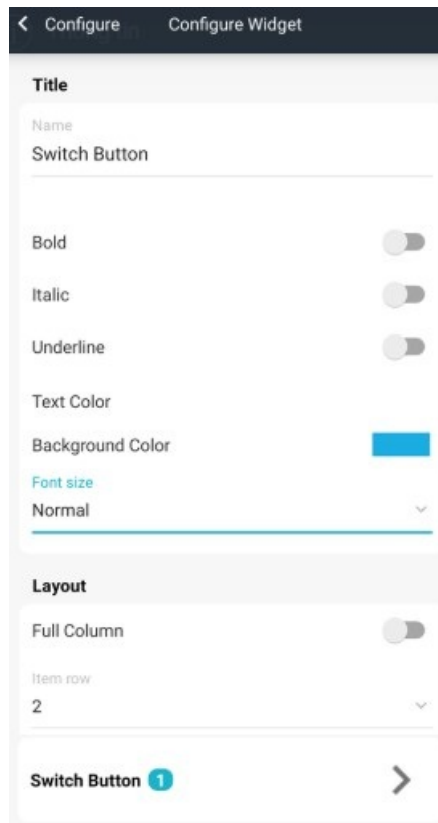
- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (Select Database ⇔ Select Parameter Name).
 - For custom naming (Select Constant ⇔ Enter a name for the Parameter Name).
- Type: Select the parameter type to display (last log data from Database (Last value) / real time value (realtime value) from Device).
- Stypes: The parameter format is displayed in the Configuration Parameter List.

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



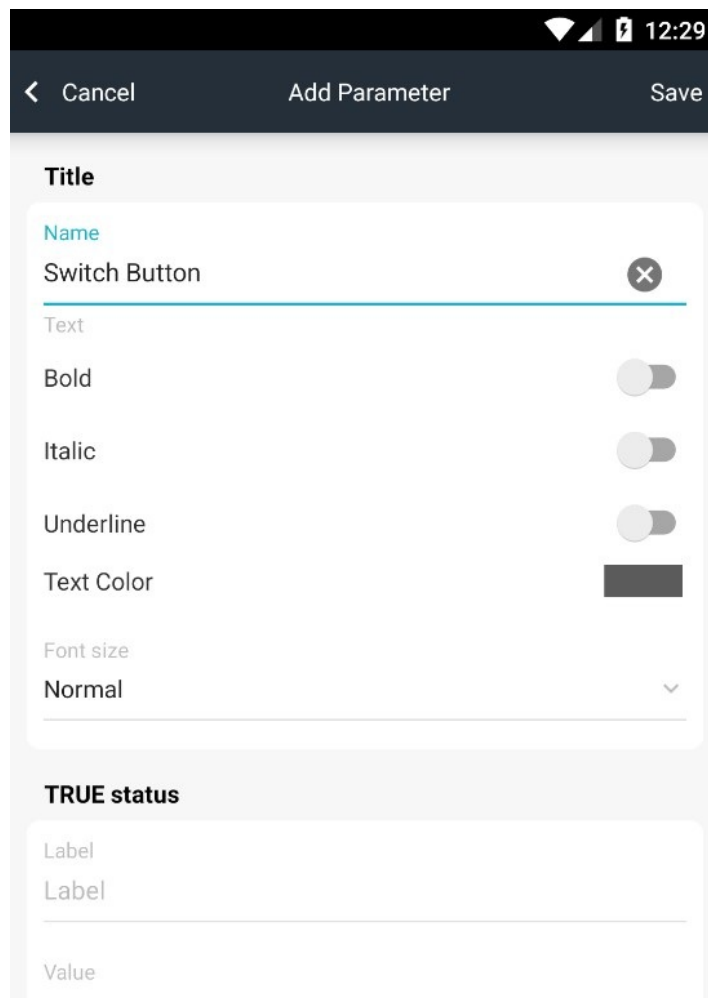
5. Switch Button

From the list of widget types as above, choose the **Switch Button** interface that appears as follows:



- Title: Name and format the title of the Title
- Layout :
 - Full Column: Drag right to show the full column for Widget
 - Item row: Select 1-5 columns
- Switch Button: Click Add to configure the Widget

The interface appears as follows:



The image shows a vertical configuration interface for a widget. It is divided into several sections:

- Value:** A text input field.
- Background Color:** A color selection field with a blue swatch.
- FALSE status:** A section containing:
 - Label:** A text input field.
 - Value:** A text input field.
 - Background Color:** A color selection field with a grey swatch.
- Stypes:** A section containing:
 - Text Color:** A text input field.
 - Font size:** A dropdown menu with "Normal" selected.
 - Size:** A dropdown menu with "Normal" selected.
- Parameter:** A section containing:
 - Device:** A dropdown menu with "PCNC1---554" selected.
 - Select parameter:** A dropdown menu.

- Title: Implementation is similar to the parameter setting interface for the Widget
- TRUE status:
 - Label: name displayed when in True state
 - Value: setting value to write down parameter
 - Background color: background color when in True state
- FALSE status:
 - Label: name displayed when in False state
 - Value: setting value to write down parameter
 - Background color: background color when in False state
- Stypes:
 - Text color: the text color shows the status
 - Font size: font size settings
 - Size: switch button size
- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



B. Monitoring Group

1. Column Chart

From the list of widget types as above, choose the **Column Chart** interface that appears as follows:

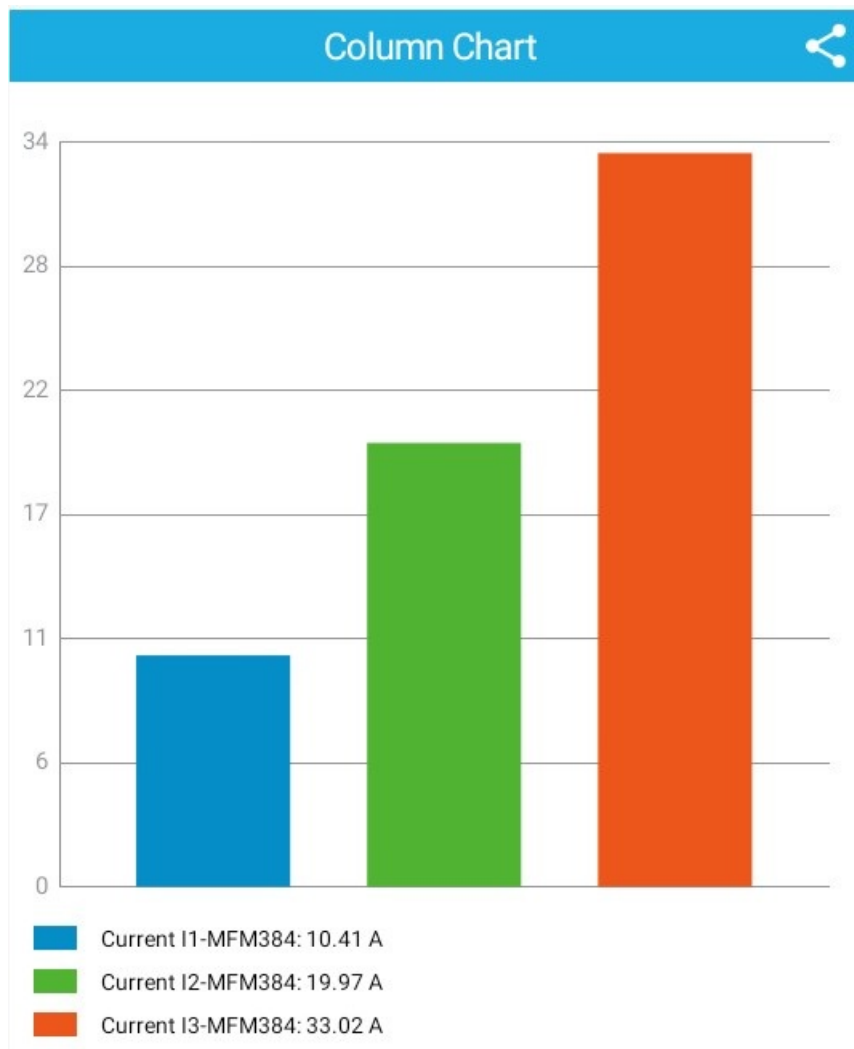


- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (Small - Normal - Large).
- Layout
 - Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Chart Type:
 - Select the horizontal style (Horizontal) or vertical style (Vertical)
- Parameter: Click on **Parameter**, then select **Add** in the upper right corner of the screen. The interface appears as follows:

The screenshot shows the 'Add Parameter' configuration interface. It features a dark header with navigation buttons: a back arrow, 'Cancel', 'Add Parameter', and 'Save'. The main area is organized into several sections:

- Parameter:** Includes a 'Device' dropdown menu currently showing 'BRIDGE---563' and a 'Select parameter' dropdown menu.
- Name:** Includes a 'Type' dropdown menu showing 'Database' and a 'Parameter name' dropdown menu showing 'Parameter Name'.
- Type:** Includes a 'Type' dropdown menu showing 'Device' and a 'Property' dropdown menu showing 'Realtime'.
- Stypes:** Includes four options: 'Bold' (toggle off), 'Italic' (toggle off), 'Text Color' (color picker showing black), and 'Font size' (dropdown menu showing 'Normal').

- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (Select **Database** ⇔ Select **Parameter Name**).
 - For custom naming (Select Constant ⇔ Enter a name for the Parameter Name).
- Type: Select the parameter type to display (last log data from Database (**last value**) / real time value (**realtime value**) from Device.
- Stypes: The parameter format is displayed in the Configuration Parameter List.
After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



2. Table

From the list of widget types as above, choose the **Table** interface that appears as follows:

Configure New Widget

Title

Name
Table

Bold

Italic

Underline

Text Color

Background Color

Font size
Normal

Layout

Full Column

Parameter 0

- Title: Set a name and format for the Title of the Widget.

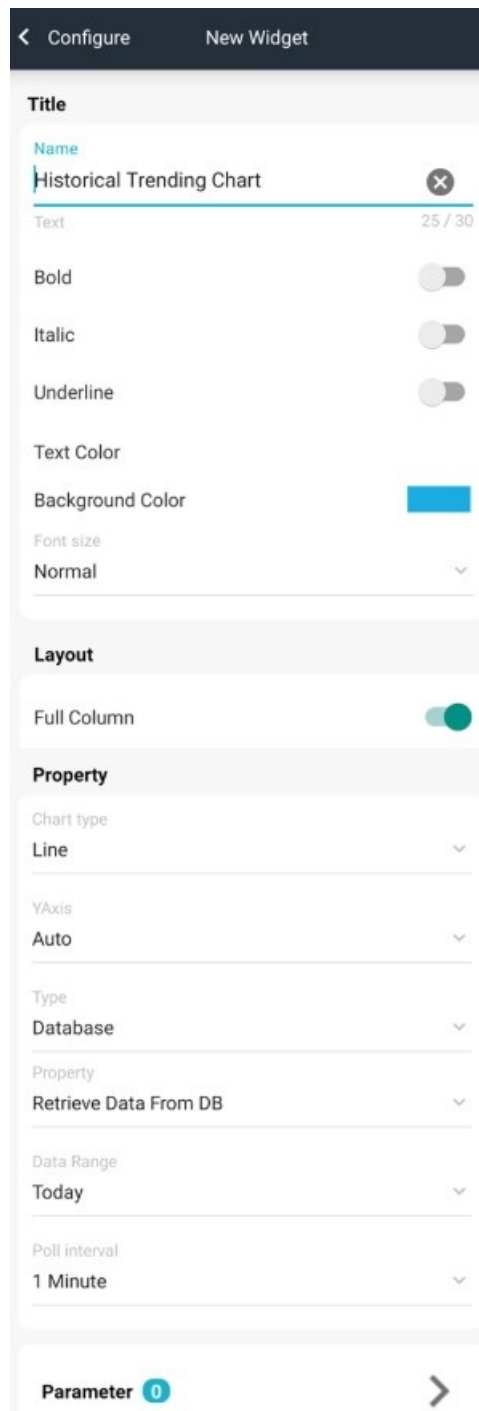
- Bold: Drag right to bold.
- Italic: Drag right to italicize.
- Underline: Drag right to underline.
- Background Color: To select a color for the background.
- Font size: Select a size for Title (Small – Normal – Large).
- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Parameter: Click on **Parameter**, then select **Add** in the upper right corner of the screen.
The interface appears as shown below:

- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (Select **Database** ⇔ Select **Parameter Name**).
 - For custom naming (Select **Constant** ⇔ Enter a name for the **Parameter Name**).
- Type: Select the parameter type to display (last log data from Database (**last value**) / real time value (**realtime value**) from Device.
- Stypes: The parameter format is displayed in the Configuration Parameter List.
After the configuration is complete, the interface displayed on the Dashboard screen is as follows:

Table	
Active Power 1-MFM384	2.34 kW
Active Power 2-MFM384	4.26 KW
Active Power 3-MFM384	6.92 KW ▼

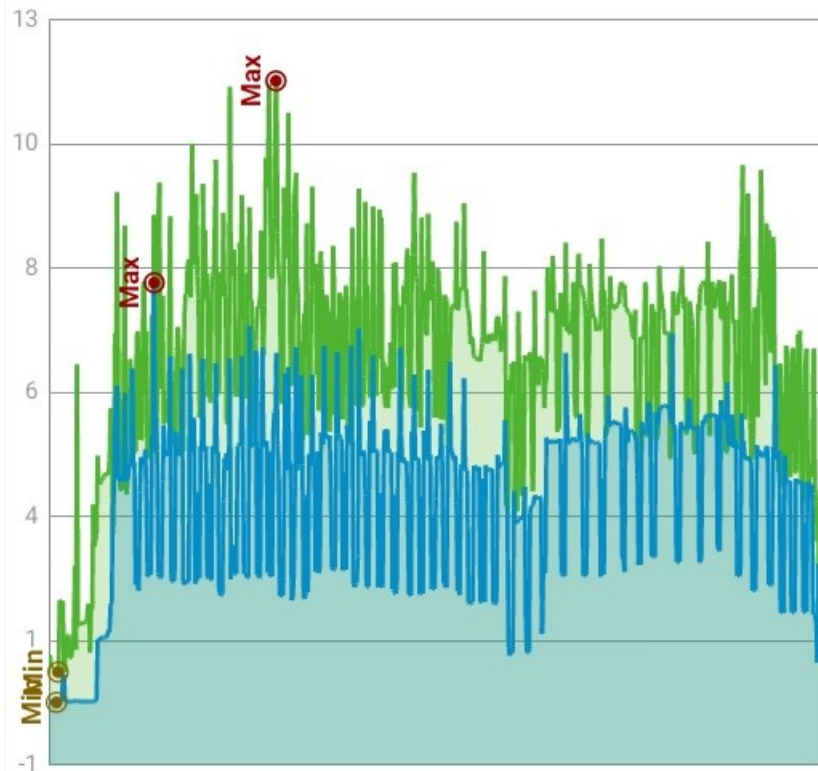
3. Historical Trending Chart

From the list of widget types as above, choose the **Historical Trending Chart** interface that appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small - Normal - Large**).
- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Property:
 - Chart Type: Select the chart style, line (**Line**), curve (**Spline**), column (**Area**), region (**Spline Area**)
 - YAxis: Give the y-axis an automatic (**Auto**) or an adjusted (**Fixed**) value.
 - Type:
 - + Database: If you want to get data from the database (Property: Get the latest data updated into the database (**Last value**) or retrieve data from the database (**Retrieve Data from DB**) specifying the date of retrieving data (Data range: **Today, yesterday, last 3 day, custom**) and the time interval to retrieve data (poll interval: **1,5,10,15 minutes**)).
 - + Device: Get real-time data from the device (Property: **Realtime**).
- Parameter: Click on **Parameter**, then select **Add** in the upper right corner of the screen. The interface appears as follows:

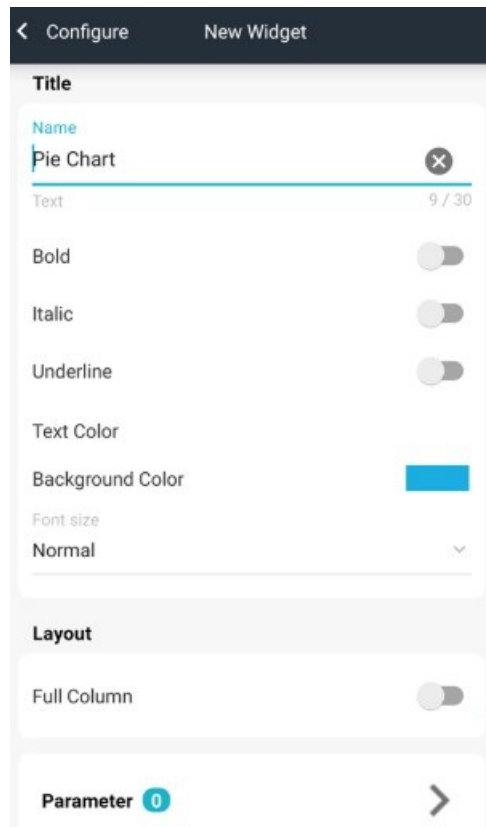
- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (Select **Database** ⇔ Select **Parameter Name**).
 - For custom naming (Select **Constant** ⇔ Enter a name for the **Parameter Name**).
- Stypes: The parameter format is displayed in the Configuration Parameter List. After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



— Active Power 1-MFM384
From: 22/08/2018 07:14:30 **to:** 22/08/2018 17:11:10
Min: 0.33 **max:** 7.81 **avg:** 3.87
— Active Power 3-MFM384
From: 22/08/2018 07:14:30 **to:** 22/08/2018 17:11:10
Min: 0.86 **max:** 11.40 **avg:** 6.41

4. Pie Chart

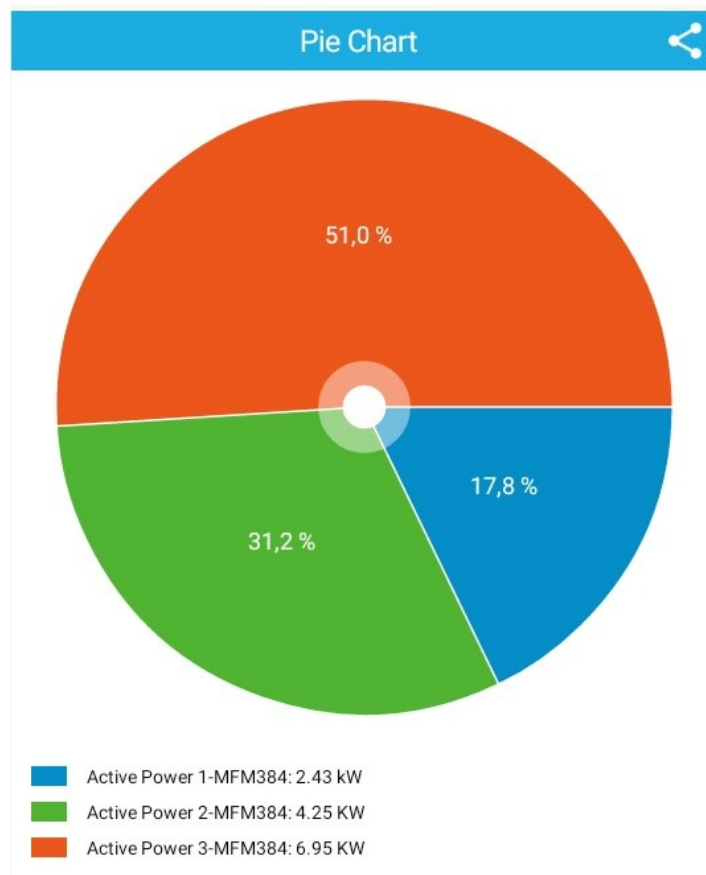
From the list of widget types as above, choose the **Pie Chart** interface that appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small - Normal - Large**).
- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Parameter: Click on **Parameter**, then select **Add** in the upper right corner of the screen.
The interface appears as follows:

- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (Select Database ⇔ Select Parameter Name).
 - For custom naming (Select Constant ⇔ Enter a name for the Parameter Name).
- Type: Select the parameter type to display (last log data from Database (**last value**) / real time value (**realtime value**) from Device.
- Stypes: The parameter format is displayed in the Configuration Parameter List.

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



5. Led

From the list of widget types as above, choose the **Led** interface that appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.

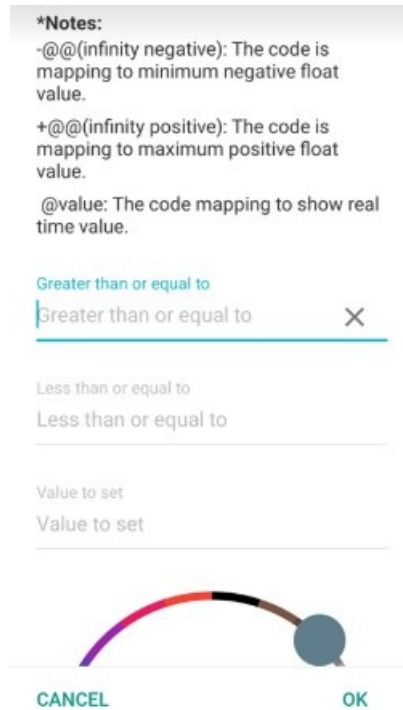
- Underline: Drag right to underline.
- Background Color: To select a color for the background.
- Font size: Select a size for Title (**Small - Normal - Large**).
- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Item row: Select the number of columns in Widget, 1-5 columns
- Led : Click on **Led**, then select **Add** in the upper right corner of the screen.

The interface appears as follows:

The screenshot shows the 'Add Parameter' configuration interface. At the top, there are navigation buttons: a back arrow, 'Cancel', 'Add Parameter', and 'Save'. The main content is organized into sections:

- Title:** Includes a 'Name' field with the value 'Led' and a close icon. Below it are toggle switches for 'Bold', 'Italic', and 'Underline'. A 'Text Color' field shows a black color swatch. A 'Font size' dropdown is set to 'Normal'.
- Parameter:** Features a 'Device' dropdown menu with the value '120118000034' and a 'Data not found!' dropdown.
- Stypes:** A 'Size' dropdown menu is set to 'Normal'.
- Default value:** Contains a 'Label' field with the value 'Label' and a 'Color' field with a black color swatch.
- Mapping value:** Shows 'No values' and an 'Add value' button in the bottom right corner.

- Title: Name and format the Title of the Led.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (Small - Normal - Large).
- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Stypes: The parameter format is displayed in the Configuration Parameter List.
- Default value: Choose values and colors for default display.
- Mapping value: To add value, press **Add value**, the interface screen appears as follows:

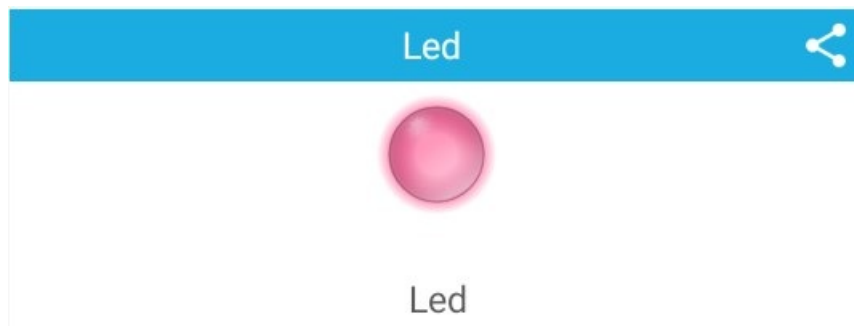


Greater than or equal to: Enter the lower threshold (\geq)

- Less than or equal to: Enter the upper threshold (\leq)

- Value to set: Enter the value and select the display color, when the parameter's value is within the range you set above.


After the configuration is complete, the interface displayed on the Dashboard screen is as follows:

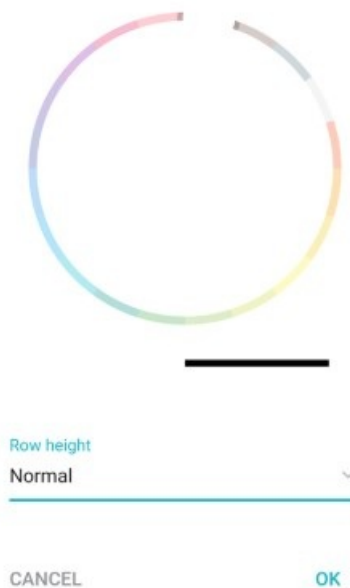



6. Smart Cell

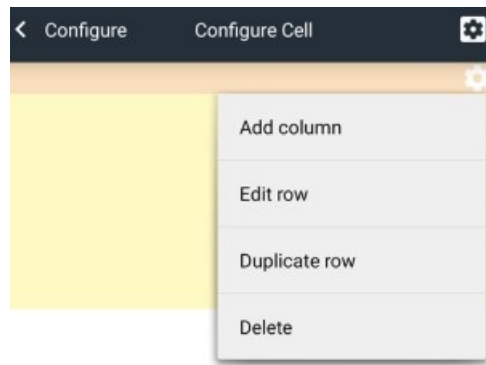
From the list of widget types as above, choose the **Smart Cell** interface appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small - Normal - Large**).
 - Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Smart Cell (Beta Version): Click to enter the smart cell creation screen. Then click  **Add Row** to create a smart cell. The screen displays the interface as shown below



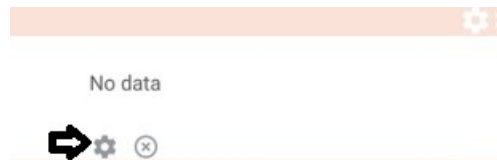
Row Height: Select line width (**small, normal, large, Xlarge, XXlarge**) ⇔ Then click OK.
 Then click on the icon  the right corner of your smart cell, as shown below:



- Add Column: To add columns for smart cell
- Edit row: to edit smart cell
- Duplicate row: to clone a smart cell
- Delete: to delete a smart cell

Select Add Column: Then enter the number of % you want the created column to occupy in the smart cell (≤ 100). Then click OK.

Then click on the icon  as shown below:



The interface appears as follows:

Parameter

Device
120118000034

Data not found!

Border

Top

Bottom

Left

Right

Color

Type
Line

Border size
1 dp(Default)

Type

Type
Device

Select property

Stypes

Bold

Italic

Underline

Text Color

Background Color

Font size
10 sp(Default)

Select text align
Center

Mapping static value

Up/Down icon

Unit of parameter

Mapping dynamic value

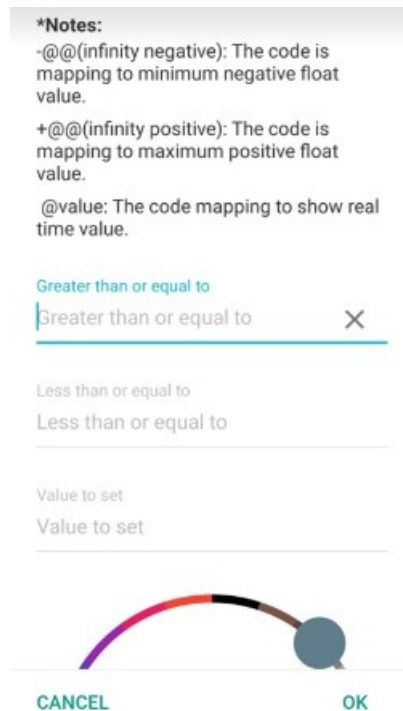
No values

Add value

Parameter: Select parameters to display

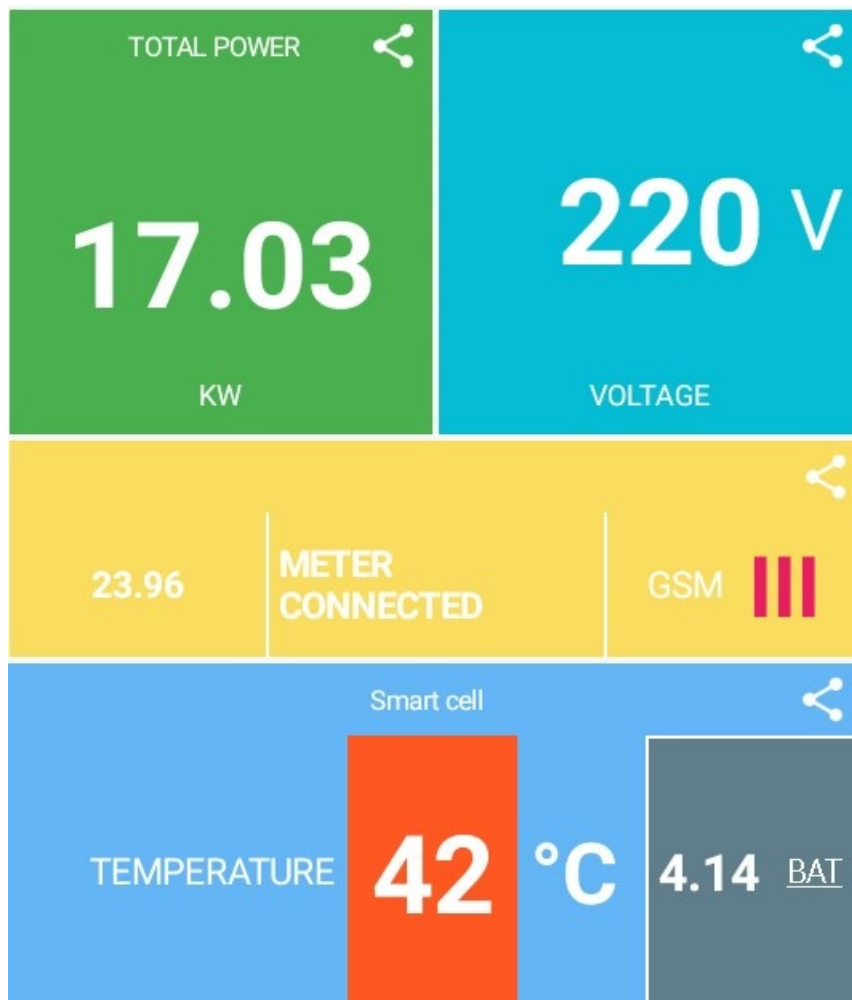
- To select the device name, click on the dropdown list under **Device**
- Do the same for the **Parameter**
- Border:
 - Drag to select to draw borders (top, bottom, left, right) for the smart cell.
 - Type: line style (Line) or dotted line style (dotted line)

- Border size: for contour size (**1,2,3,4,5dp**)
- Type:
 - Device: Get real-time value from device (Property: **Realtime**)
 - Constant: Set default values (Constant Name: Enter the name you want to display)
 - Database: Select retrieved from database (Device Name: name of the device, Parameter Name: name of the parameter, Unit: units of the parameter, Last value: The latest parameter's value is updated to the database)
- Styles: Format for the value displayed on the smart cell
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (sp)
 - Select text align: Display position of the parameter (**center, left, right, top, bottom**)
- Mapping dynamic value: To add value, select **Add value**, the interface screen appears as follows:



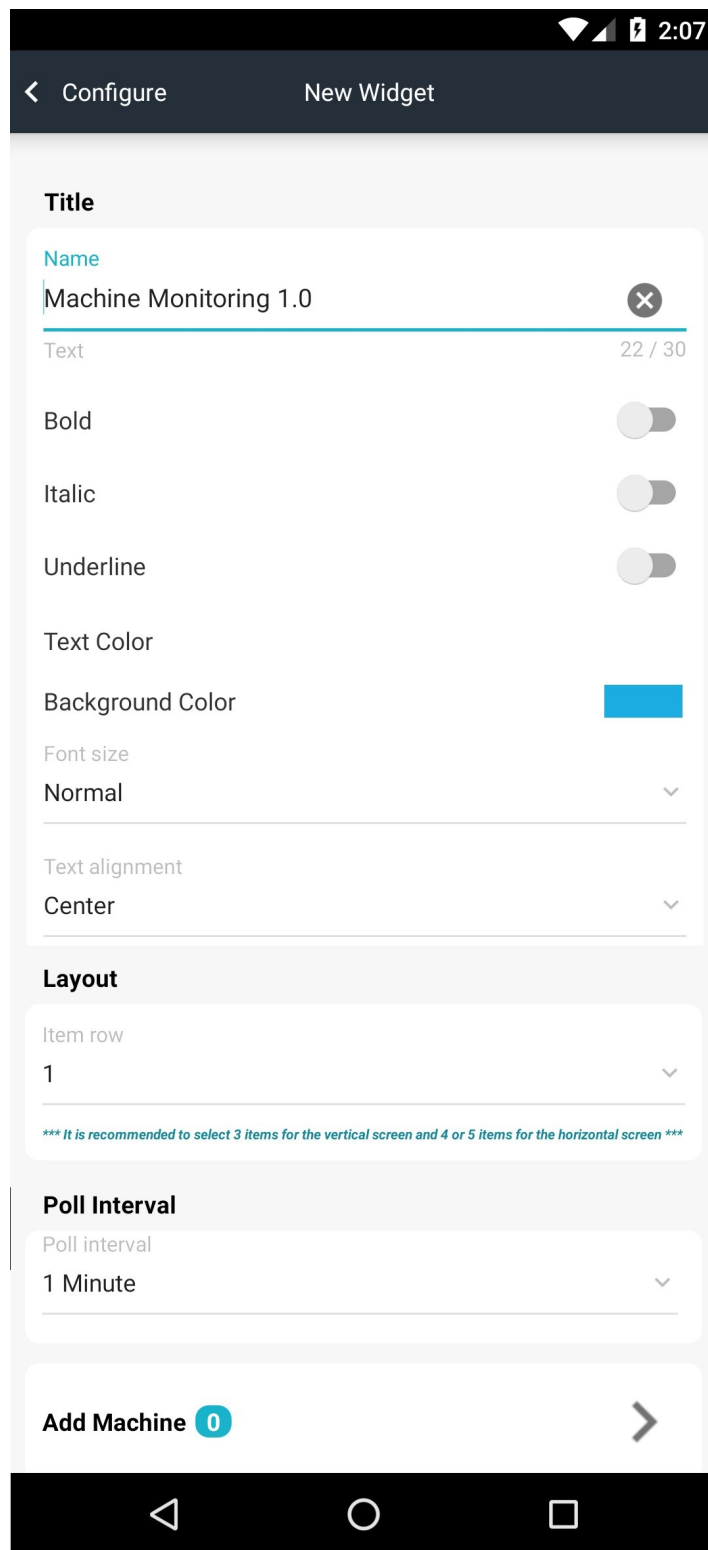
- Greater than or equal to: Enter the lower threshold (\geq)
- Less than or equal to: Enter the upper threshold (\leq)
- Value to set: Enter the value and select the display color, when the parameter's value is within the range you set above.

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



7. Machine Monitoring 1.0

From the interface in the list of widgets as above, select **Machine monitoring 1.0** interface that appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Kéo right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small – Normal – Large**).
 - Text alignment: Align for Title (**Left – Center – Right**).
- Layout:
 - Item row: Number of machines displayed per line (**1-5 machines**).
- Poll interval: Time to update the runtime value (**1 minute - 5 minutes - 10 minutes - 15 minutes**).
- Add machine: Select **Add machine**, Then select **Add** in the upper right corner of the screen. The screen appears as follows:



Title

Name

PHAY CNC1



Text

Bold



Italic



Text Color

Realtime Status Parameter

Device

PCNC1---554



Select status parameter



Default status

Label

Label

Color



Mapping status

No values

[Add status](#)

Runtime parameter

Device

PCNC1---554



Select runtime parameter



Select iConnector modbus parameter



Data Range

Today



Select time

From

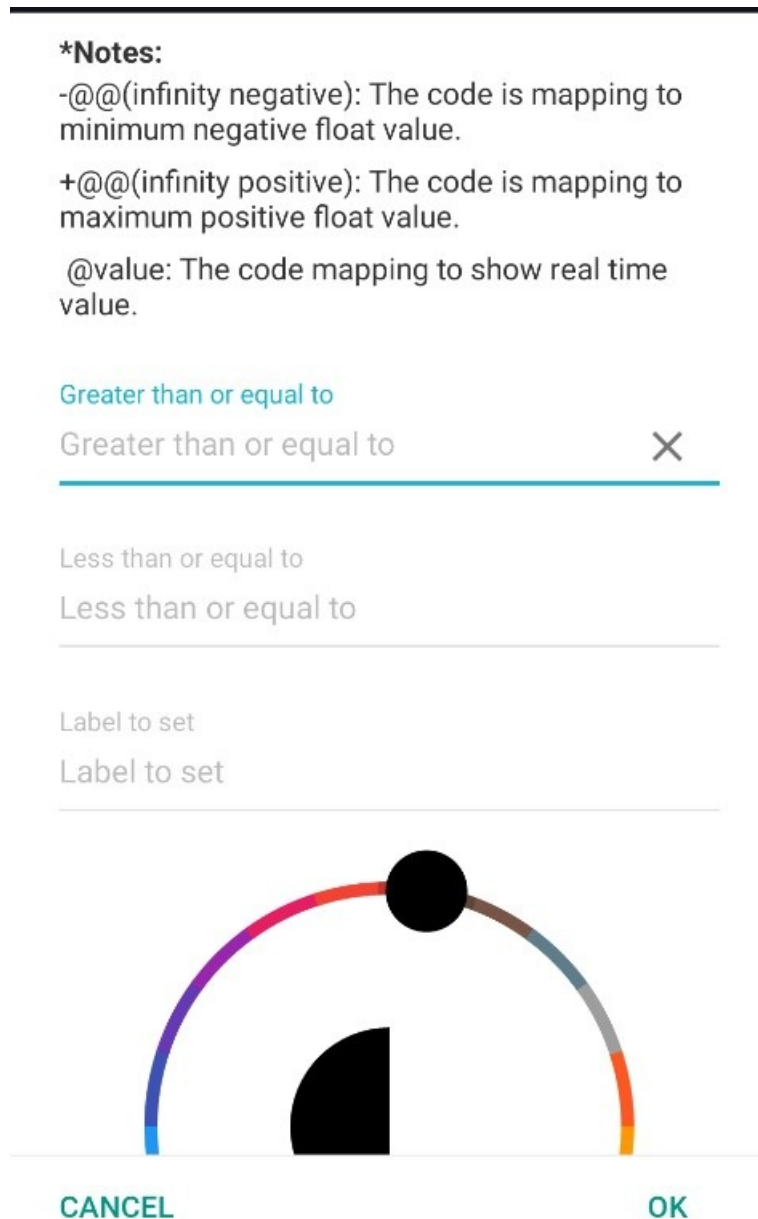
00:00

To

23:59



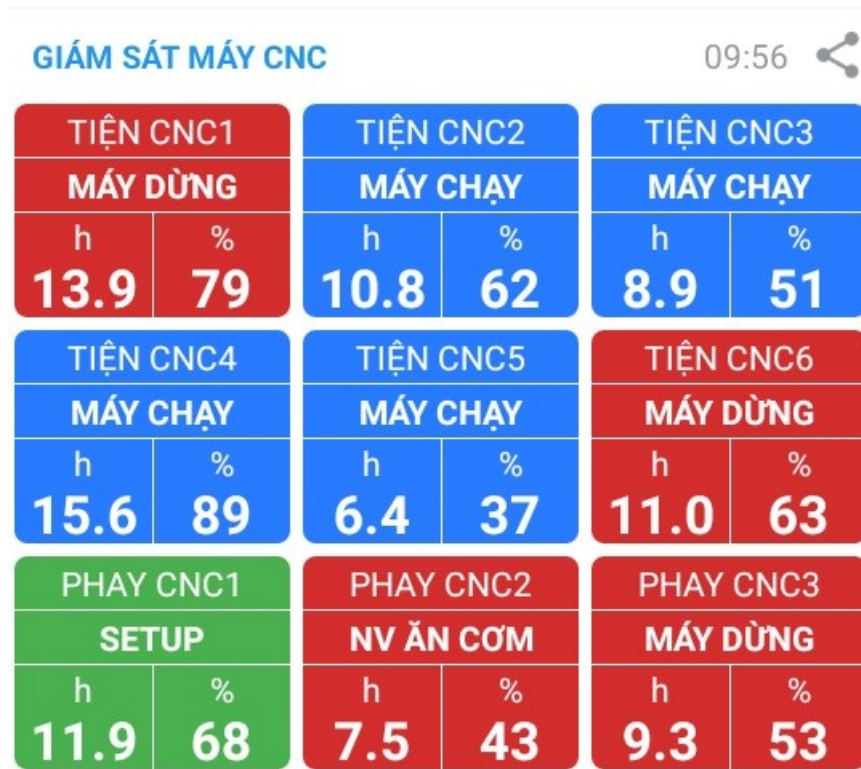
- Title: Name and format the Title of the Machine monitoring
 - Name: Name of Machine monitoring
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Text color: to select the text color to display.
- Realtime status parameter: select parameters to display realtime
 - To select the device name, click on the dropdown list under **Device**.
 - Do the same for the **Parameter**.
- Default status:
 - Set the status name when in the default status on the label.
 - Select the background color when in the default state in Color.
- Mapping status: Mapping value to display realtime. To create new values, click on **Add a sites**, the screen displays like this:



- Greater than or equal to: Enter the lower threshold (\geq)
- Less than or equal to: Enter the upper threshold (\leq)
- Label to set: Enter a status and background color to display
- Runtime parameter: parameter selection to display the runtime value
 - To select the device name, click on the dropdown list under **Device**.
 - Do the same for the **Parameter**.

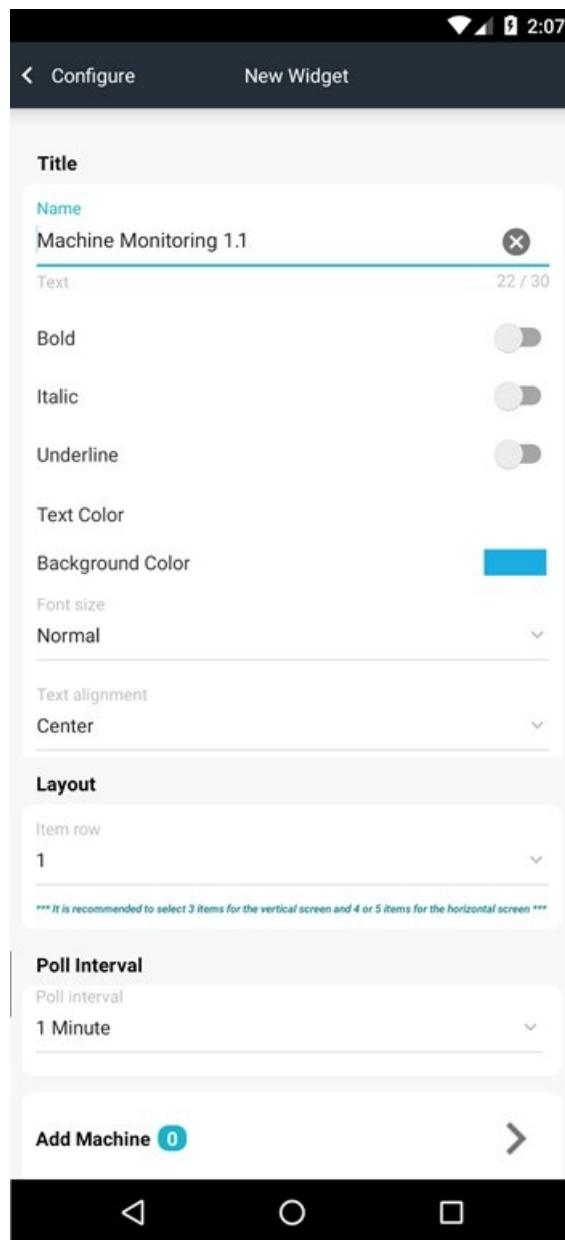
- Data range: choose a time for **TODAY**, **YESTERDAY** or **CUSTOM**
- Select time: select the time point to get data from

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:

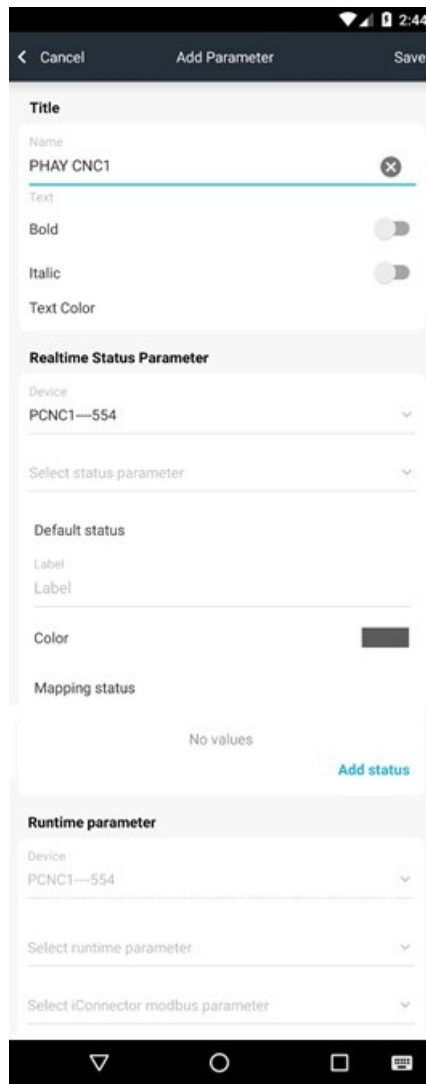


8. Machine Monitoring 1.1

From the list of widget types as above, choose the **Machine monitoring 1.1** interface that appears as follows:



- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small – Normal – Large**).
 - Text alignment: Align for Title (**Left - Center - Right**).
- Layout:
 - Item row: Number of machines displayed per line (**1-5 machines**).
- Poll interval: Time to update the runtime value (**1 minute - 5 minutes - 10 minutes - 15 minutes**).
- Add machine: Select **Add machine**, Then select **Add** in the upper right corner of the screen. The screen appears as follows:



- Title: Name and format the Title of the Machine monitoring
 - Name: Name of Machine monitoring
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Text color: to select the text color to display.
- Realtime status parameter: select parameters to display realtime
 - To select the device name, click on the dropdown list under **Device**.
 - Do the same for the **Parameter**.
- Default status:
 - Set the status name when in the default status on the label.
 - Select the background color when in the default state in Color.
- Mapping status: mapping value to display realtime. To create new values click on **Add status**, the screen displays like below:

***Notes:**

-@@(infinity negative): The code is mapping to minimum negative float value.

+@@(infinity positive): The code is mapping to maximum positive float value.

@value: The code mapping to show real time value.

Greater than or equal to

Greater than or equal to

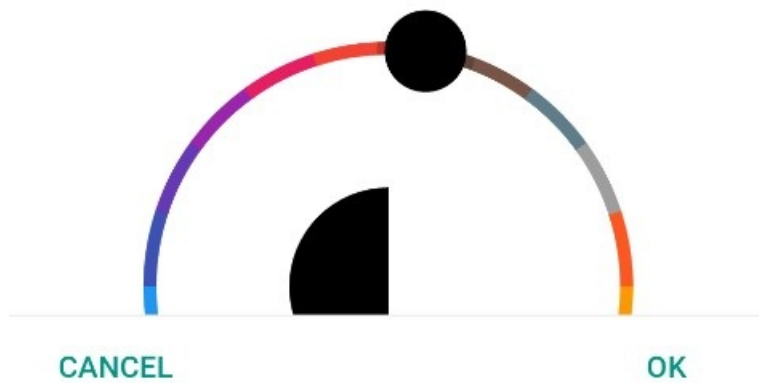


Less than or equal to

Less than or equal to

Label to set

Label to set



- Greater than or equal to: Enter the lower threshold (\geq)
- Less than or equal to: Enter the upper threshold (\leq)
- Label to set: Enter a status and background color to display
- Runtime parameter: parameter selection to display the runtime value
 - To select the device name, click on the dropdown list under **Device**.
 - Do the same for the **Parameter**.

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:

Machine Monitoring 1.1 00:57

SELECT DATE AND TIME RANGE

PHAY CNC1		PHAY CNC1		PHAY CNC1	
NV ĂN CƠM		NV ĂN CƠM		NV ĂN CƠM	
h	%	h	%	h	%
5.2	31	5.2	31	5.2	31

Here, we can directly configure the date and time selection as desired by touching the down arrow as shown above. The output interface looks like the following:

The screenshot shows a mobile application interface for machine monitoring. At the top, a blue header bar contains the text "Machine Monitoring 1.1" on the left, a timer icon with "00:05" in the center, and a share icon on the right. Below the header is a section titled "SELECT DATE AND TIME RANGE" with a downward arrow. Underneath are three buttons: "YESTERDAY" (grey), "TODAY" (blue), and "CUSTOM" (grey). Below these are three input fields: "Date" with "5/9/2018", "From" with "00:00", and "To" with "23:59". At the bottom, there are three identical green data cards for "PHAY CNC1". Each card has a "SET UP" label and two columns: "h" (5.6) and "%" (56).

PHAY CNC1	
SET UP	
h	%
5.6	56

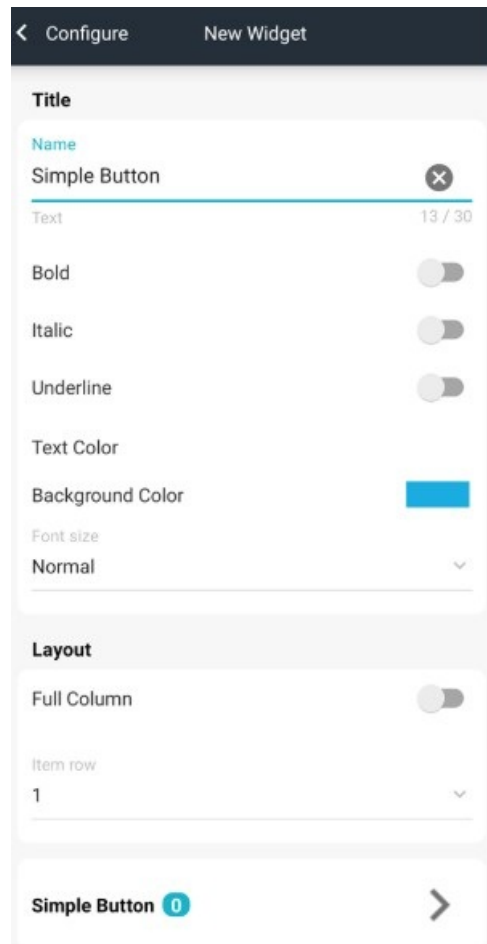
PHAY CNC1	
SET UP	
h	%
5.6	56

PHAY CNC1	
SET UP	
h	%
5.6	56

C. Control Group

1. Simple Button

From the list of widget types as above, choose the **Simple button** interface that appears as follows:



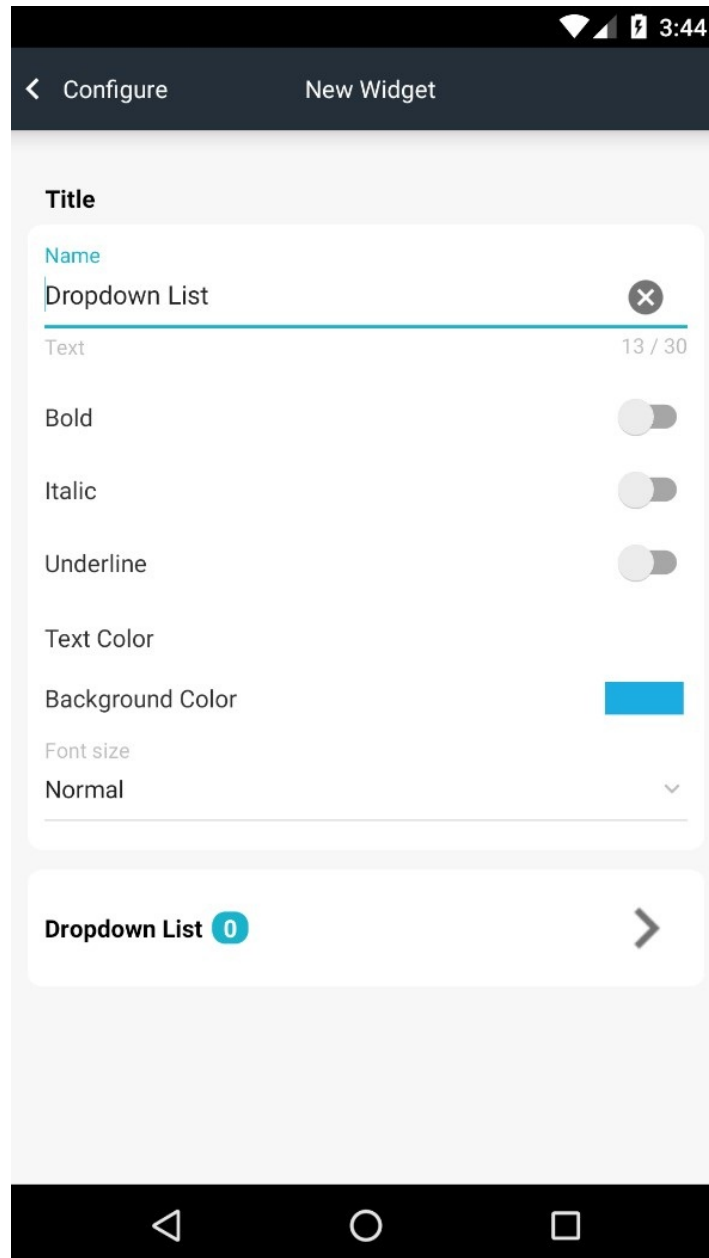
- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small - Normal - Large**).
- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Item row: Select the number of columns in Widget, 1-5 columns
- Simple Button: Click the **Simple button**, then select **Add** in the upper right corner of the screen. The screen appears as follows:

- Title: Name and format the Title of the Simple Button.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small - Normal - Large**).
- Label: Display name and format for the Simple Button
- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Value: The value is written down for the parameter when the button is pressed.
 After the configuration is complete, the interface displayed on the Dashboard screen is as follows:



2. Dropdown List

From the list of widget types as above, choose the **Dropdown list** interface that appears as follows:



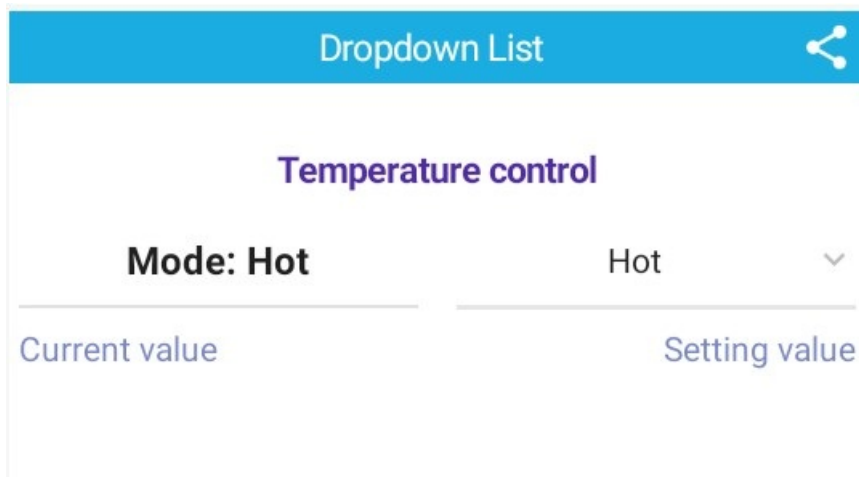
- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small - Normal - Large**).
- Dropdown list: Click the **dropdown list**, then select **Add** in the upper right corner of the screen. The screen appears as follows:

- Title: Name and format the Title of the Dropdown list.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small – Normal – Large**).
- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Mapping dynamic value: To add value, select **Add value**. The screen displays as follows:

Mapping dynamic values

- Enter the value you want to write down the parameter in the Enter value field.
- Enter the label displayed in the dropdown list into the Enter label field.
- Then select **ADD** button to finish the mapping process.

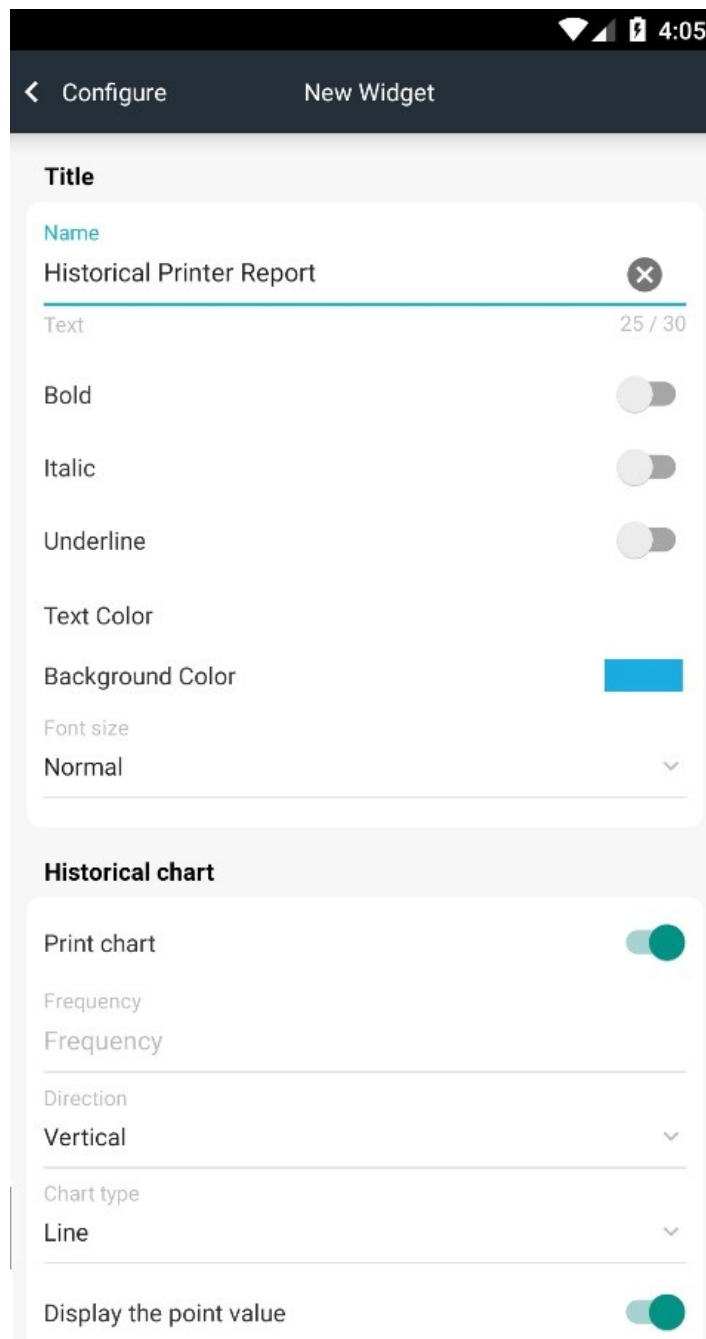
After the configuration is complete, the interface displayed on the Dashboard screen is as follows:

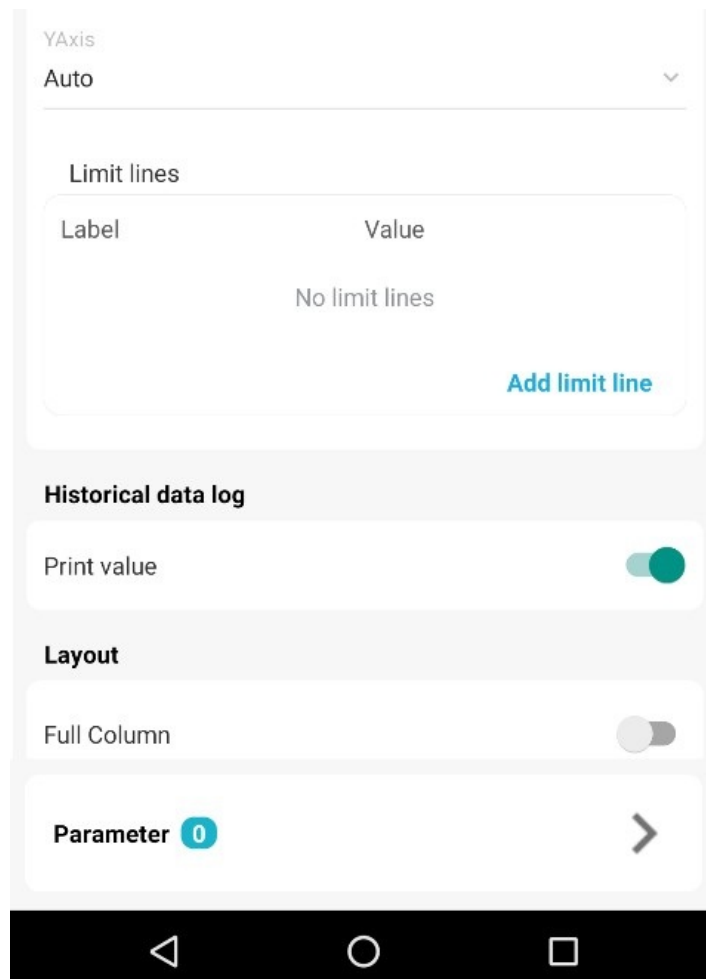


D. Report Group

1. Historical Printer Report

From the list of widget types as above, choose the **Historical Printer Report** interface that appears as follows:





- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small - Normal - Large**).
- Historical Chart: Drag to the right if you want to choose to print the histogram for the parameter (optional)
 - Frequency: Set the frequency to get the parameter's value
 - Direction: Direction of the chart
 - Chart type: (**line, spline, area, spline area**)
 - Display the point value: Drag right to display the value of each point on the chart.
 - YAxis: Select the display style for the y-axis to be automatic (**Auto**) or manually set (**Fix**: enter Min, Max values)
 - Add limit line: Set the chart line limit value if desired
- Historical data log:
 - Print value: Drag right to display the value of each point on the chart.
- Layout:
 - Full Column Drag right, so that Widget displays the full Dashboard column.
- Parameter: Click select **Parameter**, then select **Add** in the upper right corner of the screen.

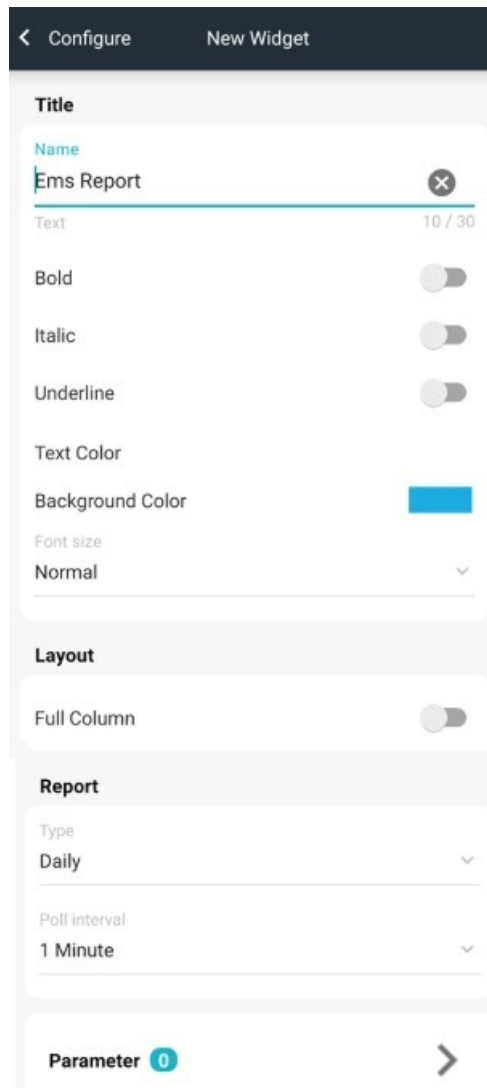
The interface appears as shown below:

- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (Select **Database** ⇔ Select **Parameter Name**).
 - For custom naming (Select **Constant** ⇔ Enter a name for the **Parameter Name**).
- Type: Select the parameter type to display (last log data from Database (**Last value**) / real time value (**realtime value**) from Device.
- Stypes: The parameter format is displayed in the Configuration Parameter List.

After the configuration is complete, the interface displayed on the Dashboard screen is as follows:

2. EMS Report

From the interface list of widgets as above, select **Ems Report** interface that appears as follows:



The screenshot shows a mobile application configuration screen for a 'New Widget'. The screen is titled 'Configure' and 'New Widget'. It is divided into several sections:

- Title:** A text input field containing 'Ems Report' with a character count of 10 / 30. Below it are toggle switches for 'Bold', 'Italic', and 'Underline', all currently turned off. There is a 'Text Color' label and a 'Background Color' selector showing a blue color swatch. A 'Font size' dropdown menu is set to 'Normal'.
- Layout:** A toggle switch for 'Full Column' is currently turned off.
- Report:** A 'Type' dropdown menu is set to 'Daily'. A 'Poll interval' dropdown menu is set to '1 Minute'.
- Parameter:** A section labeled 'Parameter' with a count of '0' and a right-pointing arrow.

- Title: Set a name and format for the Title of the Widget.
 - Bold: Drag right to bold.
 - Italic: Drag right to italicize.
 - Underline: Drag right to underline.
 - Background Color: To select a color for the background.
 - Font size: Select a size for Title (**Small - Normal - Large**).
- Full Column: Drag to the right, so that the Widget displays the full width of the Dashboard.
- Report:
 - Type: Select the report type Daily, weekly, monthly
 - Poll Interval: choose the time to get data to report (**1,5,10,15 minutes**)
- Parameter: Click on **Parameter**, then select **Add** in the upper right corner of the screen.

The interface appears as follows:

The screenshot shows the 'Add Parameter' configuration interface. It features a dark header with navigation options: a back arrow, 'Cancel', 'Add Parameter', and 'Save'. The main area is organized into several sections:

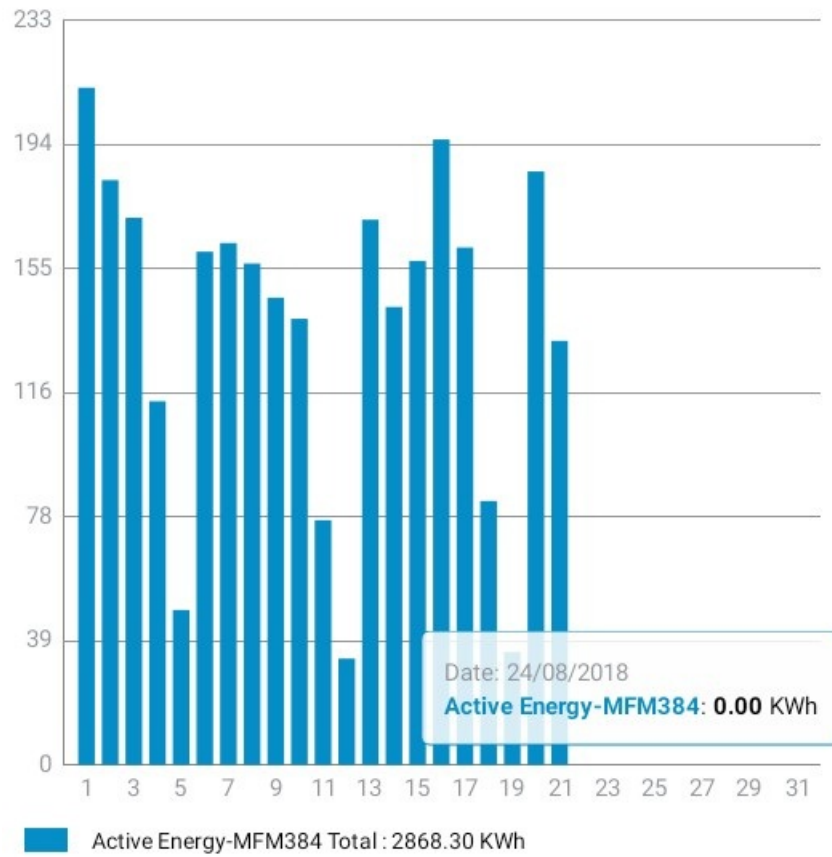
- Parameter:** Includes a 'Device' dropdown menu currently set to 'BRIDGE---563' and a 'Select parameter' dropdown menu.
- Name:** Includes a 'Type' dropdown menu set to 'Database' and a 'Parameter name' dropdown menu set to 'Parameter Name'.
- Type:** Includes a 'Type' dropdown menu set to 'Device' and a 'Property' dropdown menu set to 'Realtime'.
- Stypes:** Includes four styling options: 'Bold' (toggle off), 'Italic' (toggle off), 'Text Color' (set to black), and 'Font size' (set to 'Normal').

- Parameter: Select parameters to display
 - To select the device name, click on the dropdown list under **Device**
 - Do the same for the **Parameter**
- Name: Select a name to display
 - Select a name according to the database name (Select **Database** ⇔ Select **Parameter Name**).
 - For custom naming (Select **Constant** ⇔ Enter a name for the **Parameter Name**).
- Type: Select the parameter type to display (last log data from Database (**last value**) / real time value (**realtime value**) from Device.
- Stypes: The parameter format is displayed in the Configuration Parameter List.



After the configuration is complete, the interface displayed on the Dashboard screen is as follows:

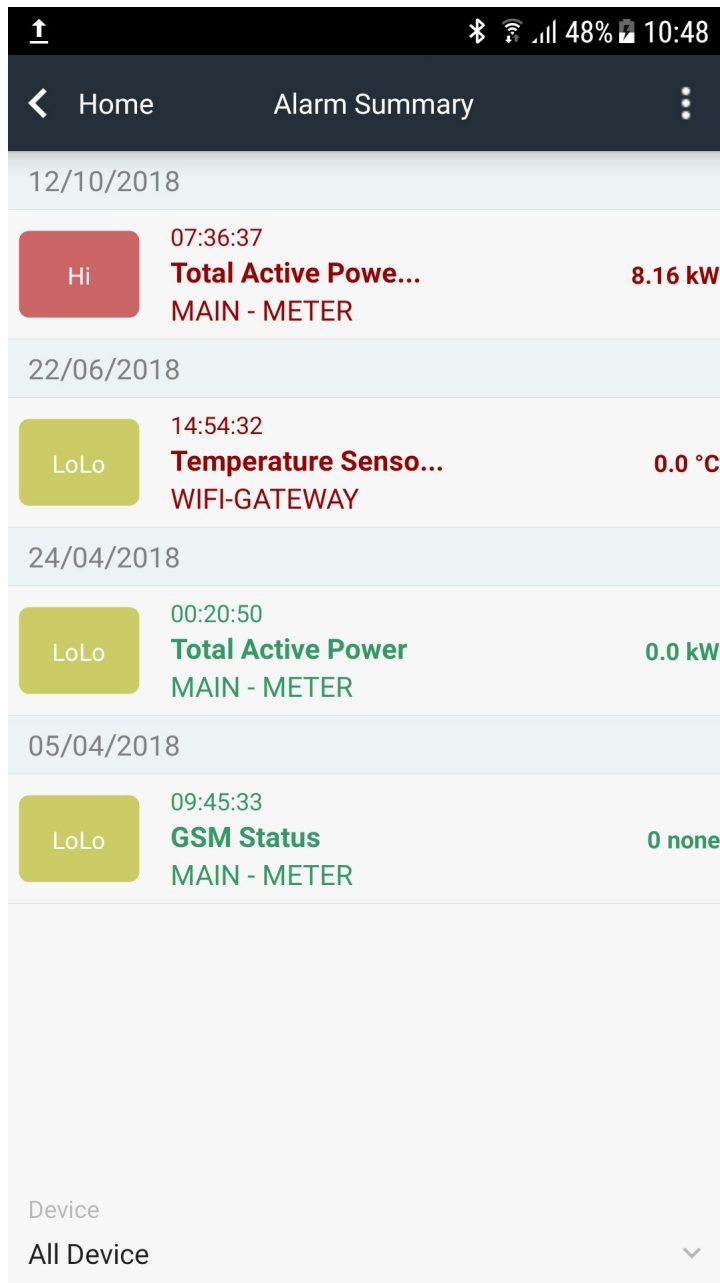
MOTH: 08/2018


From: 01/08/2018 - 31/08/2018

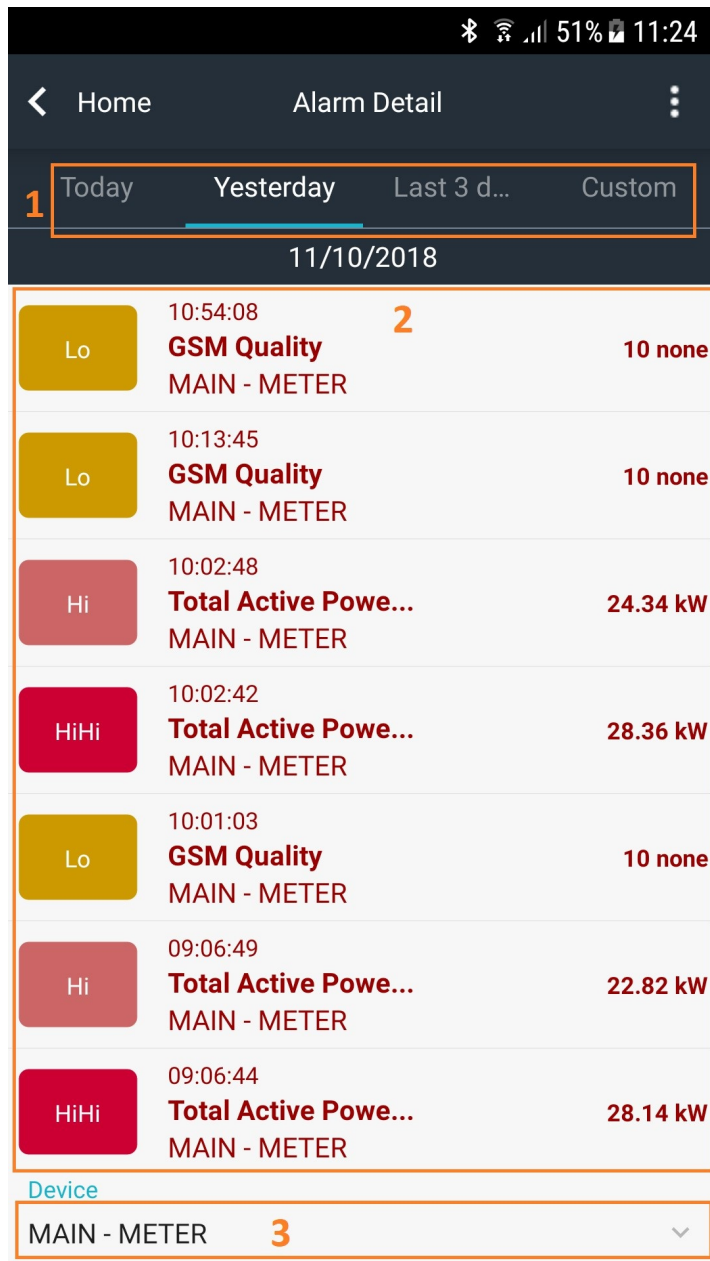


5. Alarm Management


From the Dashboard interface click on the icon  top left of the screen ⇨ Select icon  Alarm Management interface that appears as follows:

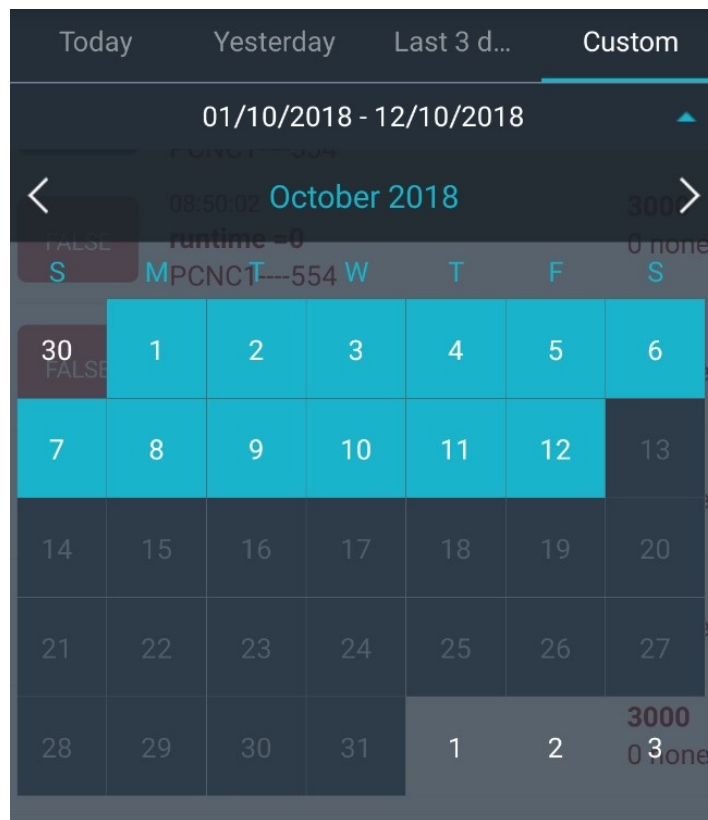



We have 3 options **Alarm Summary**, **Alarm Detail**, **Alarm History**. Default is **Alarm Summary**. Click icon  to change in the upper right of the screen select Alarm Detail or Alarm History. For example select Alarm Detail, the interface appears as follows:



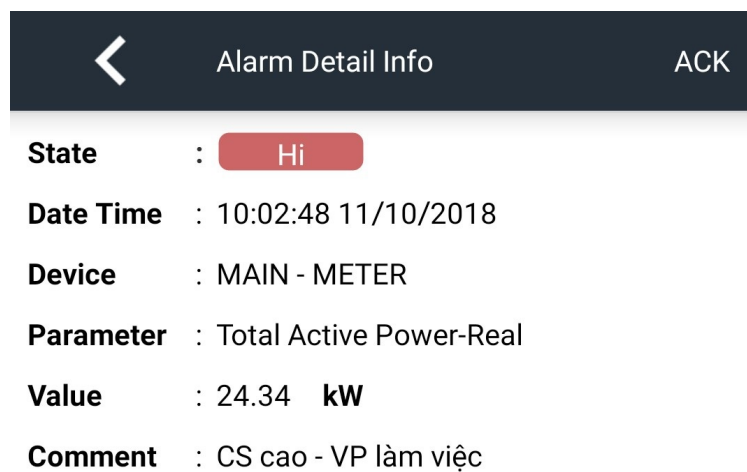
The interface is divided into 3 main areas as follows:


- **1st zone:** Include tabs like: **Today**, **Yesterday**, **Last 3 days** and **Custom**. Here we can select each tab corresponding to each specific time. When you click **Custom** ⇔ click select icon  interface that appears as follows:



Here, we can choose any date or choose from a range (up to 1 month). Selecting dates by range, we just need to choose start and end dates. The system will help us choose the dates within the range we selected above. For example, as shown above, we just need to choose the start date as 1 and the end date is 12, then the date from 2 to 11 the system will choose for us. Then click on the icon  to finish the date selection process.

- **2nd zone:** Displays a list of alarm types as well as alarm status (**LoLo**: very low; **Lo**: low; **Hi**: high; **HiHi**: very high) and processing status (red warning text: not processed, blue warning text: in progress). When we click on any warning, the system will output the detailed interface as follows (for example, choose the type of warning with red text - not processed)



To handle warnings as well as provide handling solutions, we choose the icon  in the top right corner of the screen. The interface appears as follows:

Solution

Solution

Tắt các thiết bị không cần thiết

CANCEL

ACKNOWLEDGE

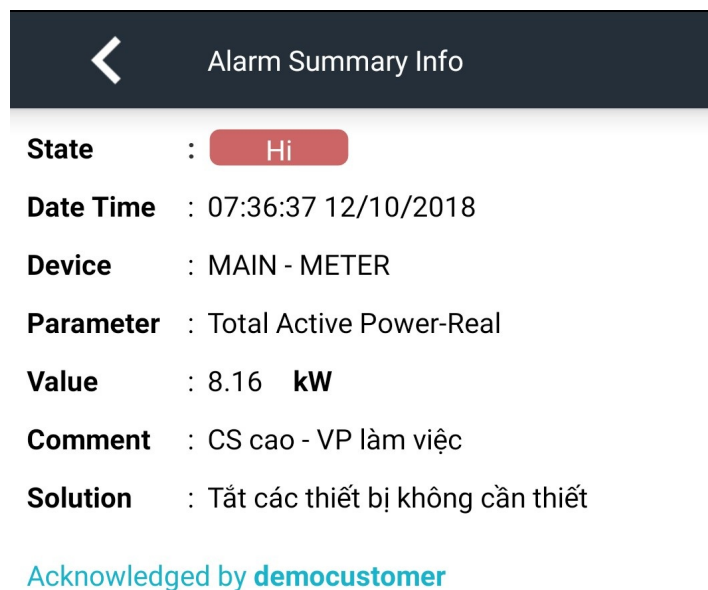
After entering the solution, click **ACKNOWLEDGE** and wait for the system to process, if successful, the interface appears as follows.:

Acknowledge

Alarm has been acknowledged successfully.

OK


Then click OK, the interface appears as follows:




The screenshot shows a dark header bar with a back arrow and the text "Alarm Summary Info". Below the header, the following information is displayed:

- State** : Hi
- Date Time** : 07:36:37 12/10/2018
- Device** : MAIN - METER
- Parameter** : Total Active Power-Real
- Value** : 8.16 kW
- Comment** : CS cao - VP làm việc
- Solution** : Tắt các thiết bị không cần thiết

At the bottom, it says "Acknowledged by democustomer".

Now at the warning details screen appears the words "Acknowledged by democustomer" (by democustomer: taken from the login account). Then click on the icon  to return to the main screen.

- **3rd zone:** Here we can select each Device specific by clicking the icon  interface that appears as follows:

 Search device

All Device

BRIDGE---563

FLR2 - METER

MAIN - METER



WIFI-GATEWAY

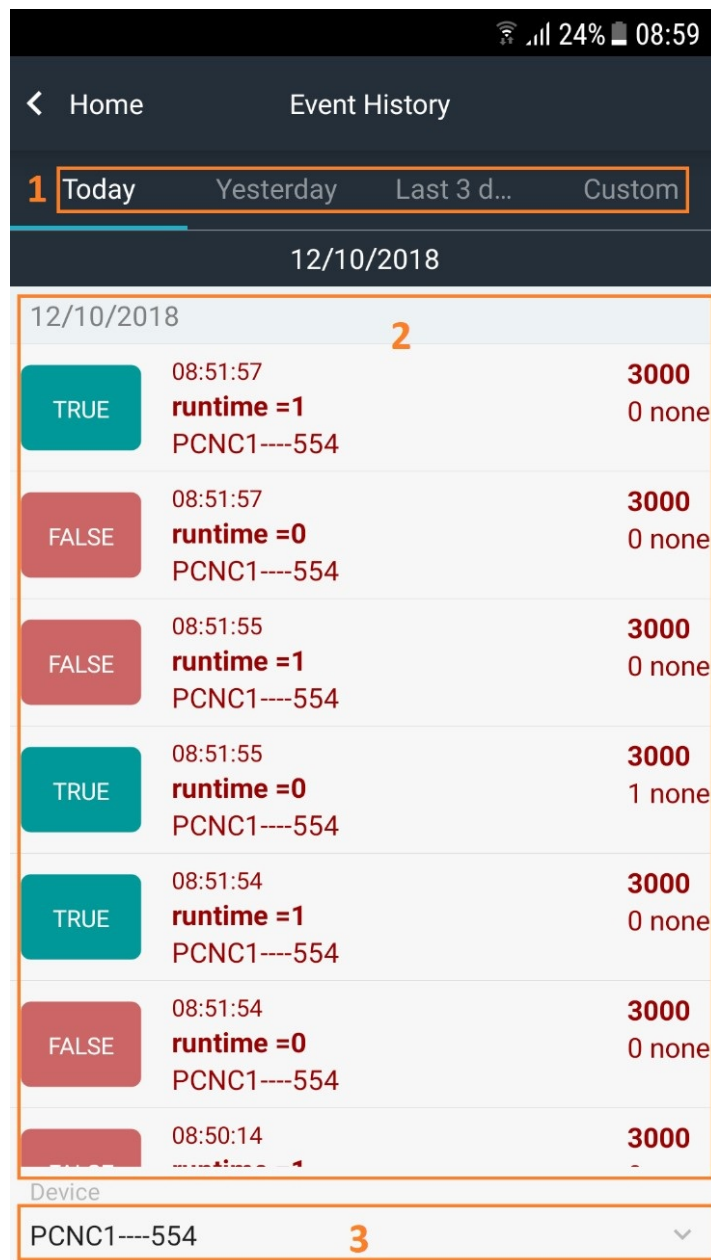
WiFi_iConn_1

CANCEL


Do the same for the **Alert Summary** and **Alarm History**.

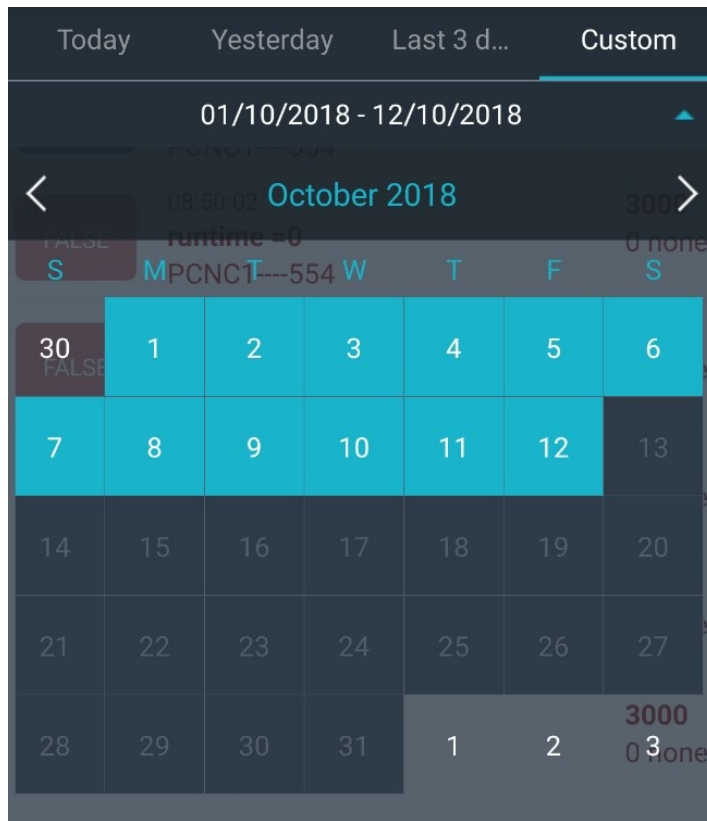
6. Event Management


From the Dashboard interface click on the icon  top left of the screen ⇄ Select icon  Event Management interface that appears as follows:



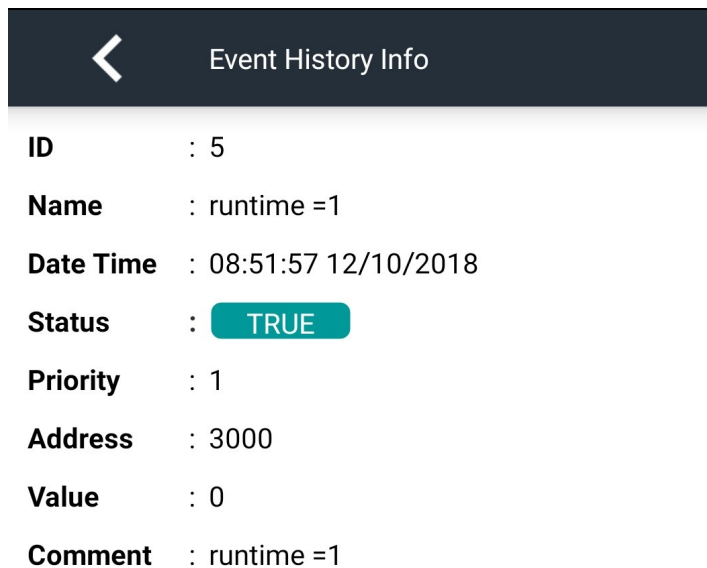
The interface is divided into 3 main areas as follows:

- **1st zone:** Include tabs like: **Today**, **Yesterday**, **Last 3 days** and **Custom**. Here we can select each tab corresponding to each specific time. When clicked **Custom** ⇨ click select icon  interface that appears as follows:



Here, we can choose any date or choose from a range (up to 1 month). Selecting dates by range, we just need to choose start and end dates. The system will help us choose the dates within the range we selected above. For example, as shown above, we just need to choose the start date as 1 and the end date is 12, then the date from 2 to 11 the system will choose for us. Then click on the icon  to finish the date selection process.

- **2nd zone:** Displays a list of event types as well as event status (**TRUE** or **FALSE**). When we click on any event, the system will output the event detail interface as follows:



After watching, click on the icon  to return to the screen containing the list of event types.

- **3rd zone:** Here we can select each specific Device by clicking the icon  interface that appears as follows:

Q Search device

PCNC1---554

PCNC10---590

PCNC11---564

PCNC12---586

PCNC2---574

PCNC3---573

PCNC4---598

PCNC5---595

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5. Support contacts

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