



celsicom T600 With Internal Temperature Sensor User Guide

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celsicom T600 With Internal Temperature Sensor



Quick Guide

Register as a customer and create an account for the Celsiview cloud service

At the moment the Celsiview cloud service, version two, can be tested, it can be accessed by clicking on the "Celsiview 2 Beta" button on celsiview.se. The instructions below are based on Celsiview 2.

Click on the "Create new account" button. Fill in all the information needed to create the account. A verification email will then be sent to the email address provided in the registration process. Click on the link in the email to verify the account. If you do not receive an email, please check the spam mail. Once the account is verified, a page will appear with a link to the login page.

Adding the sensor to your sensor register

Go to the Celsiview 2 login page by clicking on "Celsiview 2 Beta" on celsiview.se and log in. Select "Sensor" from the menu and then "Add new sensor". Now scan a sensor or enter the data manually (S/N + control code written on the sensor). After the sensor data is displayed, click on "Add this sensor". The cost of the sensor is now presented. Accept by adding the sensor to the shopping basket. Now scan the remaining sensors in the same way.

Click on the shopping basket and view the contents. A summary of the costs is now displayed. Select or create an invoice recipient. The invoice recipient should contain all the information needed to be accepted by your finance department. The references, cost centre, etc. will appear on your invoice. Click on "Complete transaction!" to activate the sensor.

Start and activate the sensor(s)

- Hold the sensor in both hands, place your right and left thumbs on top of the °celsicom logo on the top of the sensor. Now slide the lid upwards/forwards to open it.
Insert 2 alkaline AA/LR6 batteries (1.5V) into the battery holder. The sensor will now beep to indicate that it is booting up and the orange LED will light up. Both orange and green LEDs will light up shortly afterwards in a constant light while the sensor is searching for a mobile connection. The connection to the mobile network may take several minutes.
- When the sensor is properly connected, the orange LED goes out and the green LED starts flashing and three short beeps are heard. The green LED now flashes the mobile signal strength every 30 seconds for 15 minutes. 3 blink=high level, 2=medium and 1=low. Feel free to move the transducer to achieve the best possible strength. A better signal strength gives a longer battery life.
- For 45 minutes, the sensor will now send data every 3 minutes. After a total of 60 minutes, the sensor will switch to transmitting less frequently to save battery power. To restart the above process or if the sensor does not connect properly, disconnect one battery, wait 60 seconds and reconnect it again.

Add/change measurement locations linked to the sensor

Click on "Sensor" in the menu. Click on the plus sign at the far right of the line where the sensor is displayed. Enter a prefix, e.g. Sensor 1, Sensor outside or similar. Click on "OK". Locations have now been created for the various measurements. By clicking on "Locations" in the menu, the measurement locations are now visible. To change a setting/name of a location, click on the tool icon on the right of the row or click on a row and select "Go to settings". By clicking on the star symbol on the far right of a location row, or selecting "Make a favorite" after clicking on a row, that measurement will appear as a favorite (widget) on the home screen. (Menu item "Home") The options "Settings", "Reports" and "Make into favourite" etc. are also accessible by simply clicking on any row/location on the "Locations" page.

Reports To print or export reports/measurements, click on "Reports" in the menu. Select what to display in the report/graph by the menu options above the graph. It also selects the time period you want to look at. Click on the "Export" button to download or send the report as e.g. an Excel file or PDF.

My business

In the "My business" menu, locations can be structured in different groups/folders. Right-click on "Groups and locations" to create a group/folder. Then drag and drop the measurement locations you want into any group. A group or location can also be shared with another person by right-clicking on the location or group and selecting "Share". Select "Create new user", enter the email address of the person to be assigned to the site/group. Automatically, the username of that person will be set to the same as the email address. Click on "OK". The new recipient now appears in the list of selectable recipients. Select the rights the new user should have. Click on "OK". The new user will now receive an e-mail asking him to choose a password. The new user can then log in with their details and will have access to what has been distributed.

Add alarm recipients

Log in to the account. Click on the username in the top right corner. Select "Alarm handling". Add the email addresses/SMS numbers where alerts should be sent. Test the alarm by clicking on the letter symbol of the recipient to which the test should be sent. NOTE! Make sure that it get delivered.

Mounting of sensors

The sensor should be mounted with the three half-rings on the cover facing upwards and the logo facing downwards. If the sensor is to be mounted against a metal surface, magnetic mount 7040 0060 (or other non-metallic spacer) must be used to bring the sensor out at least 10 mm from the mounting surface. Otherwise, the metal surface will interfere with the connection of the sensor and the measurement data will have difficulty reaching our servers.

Support

All support is handled by our distributors. See celsicom.se for more information. User manuals and other support material are available at support.celsicom.se


Model	Measured value	Range	Maximum deviation	Certifikate
T600	Temperature	-30 to +70°C	±0,5°C	CE
TH600	Temperature, RH, A H, dew point	-30 to +70°C, 0-100% RH	±0,5°C ±3% RH (Vid 0-90% RH)	CE
T601x	Temperature	-40 to +105°C	±0,5°C	EN12830:1999 -S,A,1,-25...+25°C. CE.
TH601x	Temperature, RH, A H, dew point	-30 to +70°C 0-100% RH	±0,5°C ±3% RH* (Vid 20-80% RH)*	CE
TC602	2 temperature via thermocouple	Thermocouple dependent***	±0,5°C**	EN12830:1999 -S,A,1,-25...+25°C. CE.

- Can be significantly improved with the Celsical calibration concept, contact your dealer.
- Accuracy instrument, without transducer.
- Sensor is switchable between different types of thermocouples. Type T is standard.




Connection	NB-IoT (LTE Cat NB1) B20. 23 dBm output power
Batteries	2 x AA/LR6 1.5V (not included)
Battery life	Depending on transmission interval. Example at 20°C, good signal quality, measuring every 5 minutes and transmitting every 3 hours: > 12 months
Measurement and transmission interval	Measurement and transmission interval Adjustable by user via Celsiview cloud service.
Memory	200 measurements
Size	Enclosure 78 (w) x 114 (h) x 30 (d) mm
Weight	114 grams (T/TH600, without batteries)
Mounting method	Vertical mounting with screw holes facing upwards NOTE! If the sensor is to be mounted against metal, magnetic mount 7040 0060 can be used. (Or other 10 mm spacer, not made of metal)

Celsicom AB
Härdgatan 28 A, 432 32 Varberg SVERIGE
celsicom.se
support.celsicom.se
Version of user manual: 9

Documents / Resources

	celsicom T600 With Internal Temperature Sensor [pdf] User Guide T600, TH600, T601x, TH601x, TC602, With Internal Temperature Sensor
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References

-  [Celsicom AB – Remote monitoring made easy](#)
-  [Celsiview](#)
-  [Support - Celsiview](#)