

StxMex Utility



Reviewed by	GKo	Signed-off by	OKr	Changes	Neuerstellung	Pred.	-
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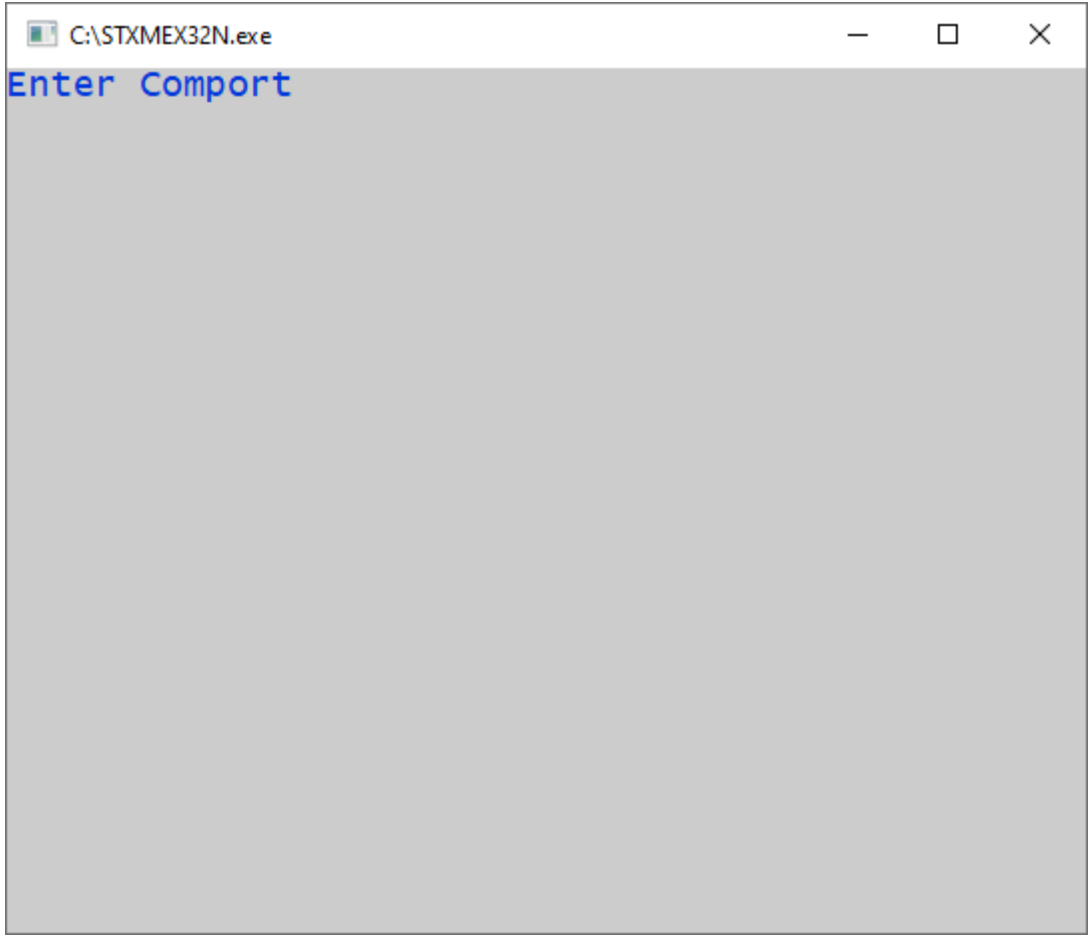
1 Scope

The **StxMex** program is designed to display the configured climate parameter values and collect statistics on changes in these parameters. The program also includes a terminal for interacting with the device using low-level serial port commands.

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2 Program Installation and Startup

This screenshot shows that the program is running. Select the **COM port**, to which the device is connected.



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3 Program View

This screenshot shows the serial number (for example, SN.6310, C1) and the configured climate parameter values of the device.

Mex (#6310, C1)			
System	#6310	ComPort 1	
Temp.	-113.44 C	/	6.00 C
CRH	12.14 %	/	11.00 %
CO2	220.14 %	/	3.65 %
Evap.Temp.	617.50 C		
Defrost in	14.10 hrs	to 35.00 C	
Vent.	(512)	/	
Temp.Ct1	(513)	-	
FloorHtr	(514)	-	
TempMode	(515)	C	
tTotal	6418 s	/	1.8 h
t_Heater	0 s	/	0.0 %
tt_Cooler	0 s	/	0.0 %
t_Cooler	6419 s	/	100.0 %
tt_Defrost	6419 s	/	100.0 %
t_Humidiy	0 s	/	0.0 %
t106	0	t107	0

4 Climate Parameter Data Collection

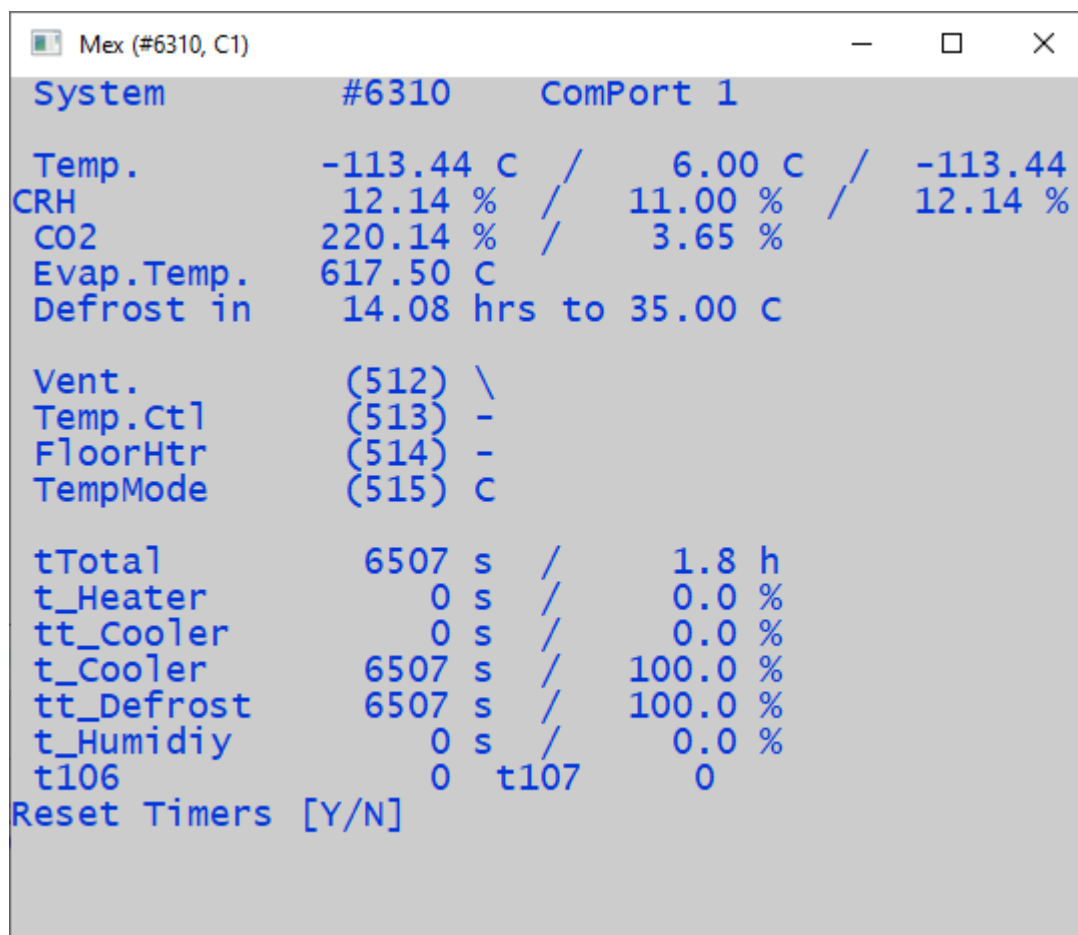
To start collecting statistics on changes in the climate parameters, press the „R“ (Reset) key on the keyboard. The following dialog line will appear:

Reset Timers [Y/N]

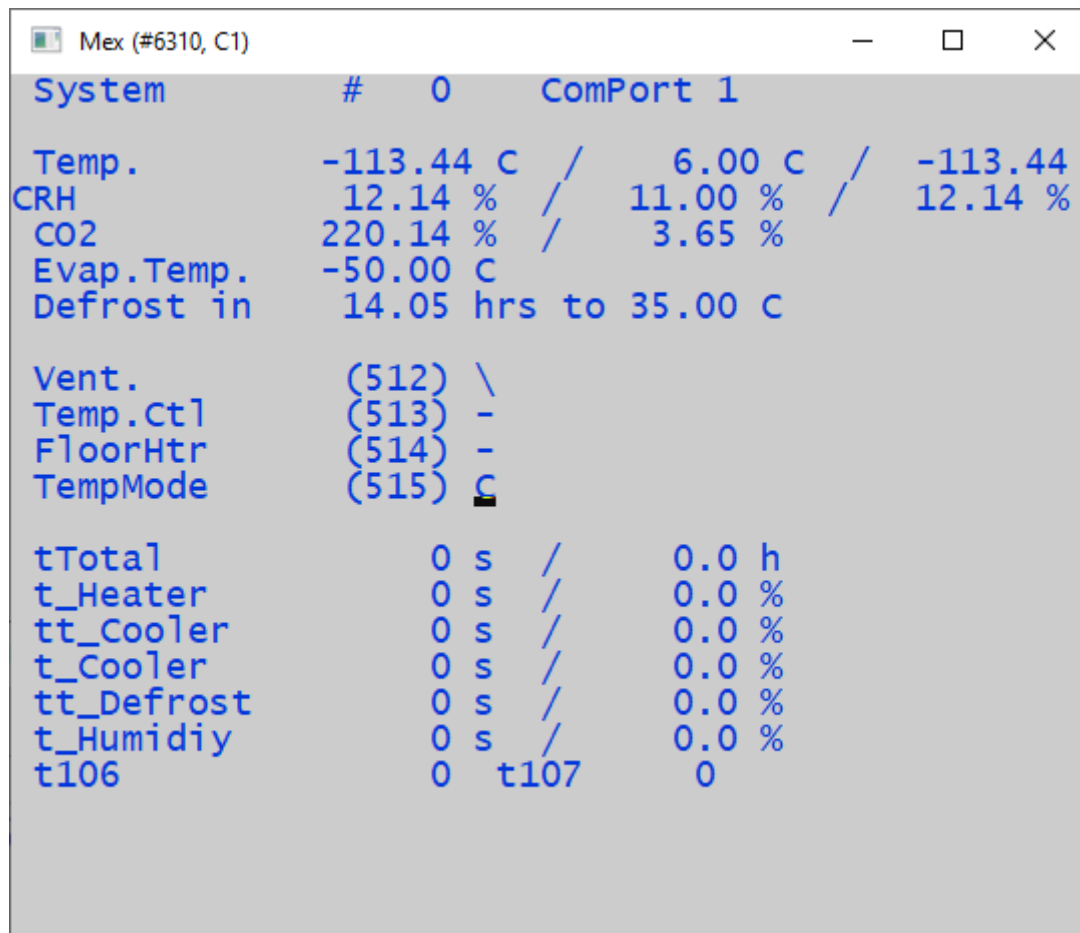
In this dialog, press „Y“ (Yes) to confirm resetting the current timers and start collecting statistics. Press „N“ (No) to cancel the timer reset.

This screenshot shows the timer reset confirmation dialog.

IMPORTANT: Climate parameter data must be collected for a minimum of **24 hours**.



This screenshot shows that the timers have been reset and the user can monitor changes in the climate parameter values.



Please run the program for 24 hours and report the following values when asked:

tTotal

t_Heater

tt_Cooler

t_Cooler

tt_Defrost

t_Humidity

t106

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5 Terminal

Press the “T” key on the keyboard to open the terminal for interacting with the device using low-level serial port commands.

