TG Program Help File

General Description

The TG Program app is the mobile version of our Windows program Data Capture. It is used to program and calibrate our VM605E, CM705E and VM505E.

Getting Started

Start the app.

If no units are programmed yet, the Edit/Add New page will be displayed. If a unit is programmed a list of units will be displayed.

Tap the IP Address box to enable the keyboard. Type in the IP address and tap the Test Comm button. See Figure 1.

You will get a popup box saying "Successfully communicated with ...". Tap the OK Button. See Figure 2.

Next type in a name you wish to name the unit.

Choose the temperature units, either Fahrenheit or Celsius. Use the Menu in the upper right and tap Save (three dots upper right corner). See Figure 3.

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TG Program Mobile	÷	TG Program			:	TG Program Mobile	Save
Edit/Add New Unit Page		Edit/Add	New Unit Pag	e		1023202559	Unit List
Serial Number		Serial Number	ir I			10.0.0.198 Tes	^t Add New Unit
IP Address Test		IP Address		St C or F		Name of Unit VM605E_RENTAL_UNIT_8	Delete Unit
		Name of Unit		ID_Nur	- 1	Model	
		VM605E_RENT	AL_UNIT_8		<u>PW</u>		пс нер
		VM605E: Refri	gerator/Freezo	er Guard		Phone	About
		Phone		Soneore			
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		VM605 addres	s 10.0.0.19	_UNIT_8 a1 98	IP		
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		Figura	2			Figure 5	

Figure 1

Figure 2

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Once you tap Save you will get a confirmation to add, tap Add. See figure 4. The app will then transfer to the Unit List Page, showing the list of your units. See Figure 5.

Once on the Edit Unit List, you can single tap to get to the Edit/Add New Unit Page, or long press if you want to delete the unit from the list. See Figure 6.

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TG Program Mobile	:	TG Program Mobile	÷	TG Program Mobile	
IP Address		Unit List Page		Edit/Add New Unit Page	
10.0.0.198		≎ ID ≎ Unit Name	≎ <u>IP</u>	1023202559 IP Address	C or F
VM605E_RENTAL_UNIT_8		44 VM605E_RENTAL_U	NIT_8 10.0.0.198	10.0.0.198 Comm	°F ▼
Model VM605E: Refrigerator/Freezer Guard				VM605E_RENTAL_UNIT_8	ID_Num 44
Phone Sensors				Model VM605E: Refrigerator/Freezer	Guard
				Phone	Sensors
				Apply Vp	date Rate (1-60)
Add this unit?				3/21/2024 11:11 AM	30
DO NOT ADD	JDD				
		-			
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Figure 4		Figure 5		Figure 6	

Programming the phone parameters

From the Edit/Add New Unit page, tap the Phone button.

See Figure 7. Enter all of your parameters and tap the Save button. Return to the Edit/Add New Unit page by tapping the left arrow in the upper left.

Programming the sensor limits

Tap the Sensors button. See Figure 8. Enter all of your parameters and tap the Save menu item in the upper right.

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Phone Page	Save	← VM605E_	Sensors	Save
1:	Close	<u>Sensor / Input</u>	LL -50.0	Calibrate
3.	Refresh	Refrigerator	36.0	Help
4.		Room	65.0	85.0 30 69.3
5.			-200.0	200.0 15 Oper
<u>.</u>			-200.0	200.0 15 Oper
0:			-200.0	200.0 15 Oper
7:		Spare Fridge	36.0	43.0 15 37
8:			-200.0	200.0 15 Oper
ocal ID for Pagers				0 Closer
45 Reminder Time (5 Power Out Delay 1 Number of Rings 2 Call-out Time De 1 Repeat Warning	15-900) (0-120) (1-12) lay (0-900) (0,1,2)	Battery VDC 4.2 Communication Informat Read current status Read the names of s	ion ensor 1 ar	Enabled T
No Tial Tone Check				
Communication Info				
Read Phone 1 and 2				
D				
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Ziouro 7		Figure 8		

Setting the Data/Time and Update Rate

From the Edit/Add New Unit page. Enter a number from 1-60 in the Update Rate box. Leave it alone if do not want to change it. Tap the Apply button to set both the Date/Time and the Update rate. This will transfer the date and time from the phone to the unit for onboard logging purposes. See Figure 9.

Calibration

From the Sensors page tap the Calibrate menu item, See Figure 10. This will open up the calibration page.

Enter the actual temperature for a sensor in the Actual column. For example, if a cooler's temperature is actually 46 and the app shows 47, enter 46 in the text box for the sensor in the actual column. The app will calculate a -1 correction factor and write it to the unit.

Tap Apply.

Tap Done to get back to the previous sensor page. See Figure 11.

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TG Program	m Mobile		÷	← VM605E_Sensors	Save	Sensor / Input	Actual	CE	0.9
Edit/Add	d New Unit Pa	ge		Sensor / Input LL	Calibrate	Refrigerator	*	0	36.4
Serial Numb 102320255	er 9			Freezer -50.0 Refrigerator 36.0	Help	Room	*	0	70
IP Address 10.0.0.198	Te	est C or F		Room 65.0	85.0 30 70		*	0	Open
Name of Unit		ID Num		-200.0 2	00.0 15 Open		*	0	Open
VM605E_REN	TAL_UNIT_8	44		-200.0 2	00.0 15 Open		*	0	Open
Model VM605E: Refr	igerator/Freez	zer Guard		-200.0 2	00.0 15 Open	Spare Fridge	*	6.3	37
				Spare Fridge 36.0	43.0 15 37		*	0	Open
Phon	Phone Sensors		-200.0 2	00.0 15 Open					
Apply		Jpdate Rate (1-6	0)			Apply	Clear	Done	
3/21/2024 1	1:53 AM	15			0 Closed				
			-		0 Closed				
				Battery VDC 4.1 Communication Information	Buzzer Enabled 🔻				
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Figure 9				Figure 10		Figure 11			