

How to update MODBUS RTU sensor with TCW210-TH/TCW260/TCG140

The document describes how to make FW update of Teracom MODBUS RTU sensor using TCW210-TH, TCW260 or TCG140 controllers.

For proper update follow the steps below:

- 1. Connect the sensor which should be updated to the RS-485 bus.
 - It is important that only this sensor is connected to the RS-485 bus of the controller.
- 2. Type in the address bar:
 - For TCW210-TH and TCW260 http://IP-address-of-controller/teracom485.htm;
 - For TCG140 http://localhost:24111/teracom485.htm.
- 3. Press the "Scan" button.

After a successful scan, "Current address", "Sensor Info" and "ID" will be updated.

2.168.1.2/teracom485.htm		
	Home	
Sensor settings		
Current address	1	
Sensor info	T5H3xx-v2.02	
ID	[152DB379F9FFF43]	
Scan		
Sensor FW update		
Choose File No file chose	en	
Upload		
Loaded Firmware	T5H3xx-v2.12	
Status	Idle	
Update		

4. Press "Choose file" and select the new firmware. After this click the button "Upload".

Sensor settings							
Current address	1						
Sensor info	TSH3xx-v2.02						
ID	[152DB379F9FFFF43]						
Scan	Open						х
Sensor FW update	🕞 🔵 🗢 🚺 🕨 Computer 🕨	Data (D:) 🕨 Mod	ous-rtu	• 47	Search Modbus-rtu		۶
Choose File No file cho	osen Organize - New folder				8≣ ▼		•
Upload	E Desktop	*	Name	Date modified	Туре	Size	
	Downloads		TSH300v2.12.cod	18.12.2018 13:28	COD File		18
Loaded Firmware	V Dropbox	E					
Status	C Dropbox						
Update	🕽 Libraries						
	Documents						
	Music						
	Subversion						
	Videos						
	_						
	I Computer						
	🚢 Local Disk (C:)						
	🕞 Data (D:)	+ 4		m			
	File name: TSI	H300v2.12.cod		•	All Files (*.*)		•
					Open	Cancel	5
					open	cuncer	

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5. Set the sensor in update mode.

Disconnect the RS-485 cable of the Modbus RTU sensor. Press and hold the button "config" of the sensor. While the button is pressed, connect the RS-485 cable. Immediately after the "Status" LED is on release the button. In the next 3 seconds press the button 3 times to enter in the update mode. If the sensor is successfully entered in update mode after these 3 seconds the LED is permanent on.



6. Start Update procedure by click on the button "Update".

Sensor settings	
Current address	1
Sensor info	TSH3xx-v2.02
ID	[152DB379F9FFFF43]
Scan	
Sensor FW update	
Choose File No file chosen	
Upload	
Loaded Firmware	TSH3xx-v2.12
Status	Loading 20.9%
Update	

7. After successful update, Status is "Operation completed".

Sensor settings	
Current address	1
Sensor info	TSH3xx-v2.12
ID	[152DB379F9FFF43]
Scan	
Sensor FW update	
Choose File No file chosen	
Upload	
Loaded Firmware	TSH3xx-v2.12
Status	Operation Completed
Update	