

Service Bulletin 074

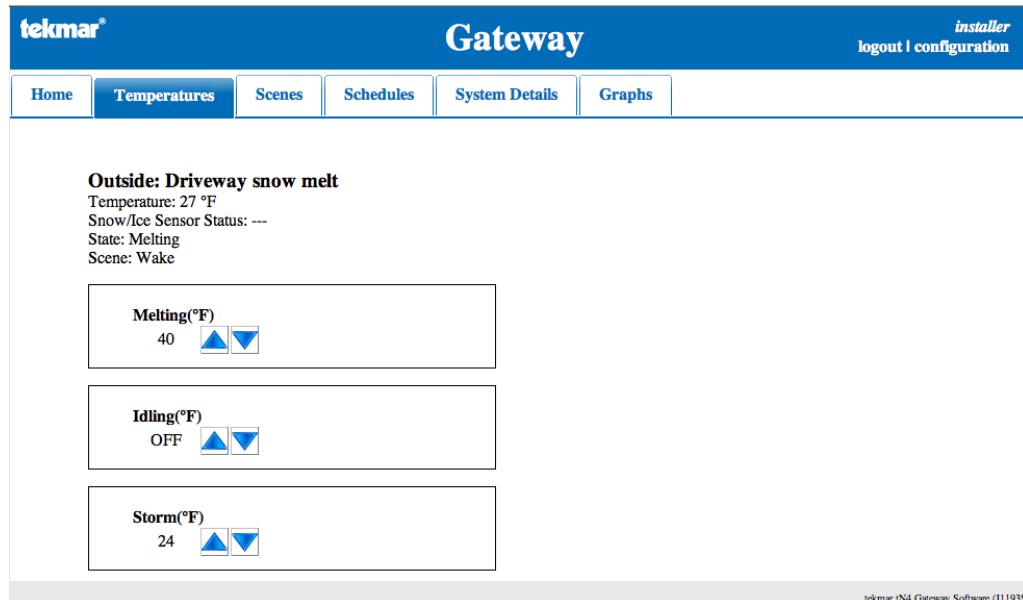
August 15, 2013

tN4 Gateway 483 Update to Software Version J1193S

The tN4 Gateway 483 is now configured to remotely monitor and control a Snow Melting Control 654. New snow melting features for the Gateway include:

Remote Temperature Adjustment

- Melting
- Idling
- Storm



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Outside: Driveway snow melt

Temperature: 27 °F
Snow/Ice Sensor Status: ---
State: Melting
Scene: Wake

Melting(°F)
40 

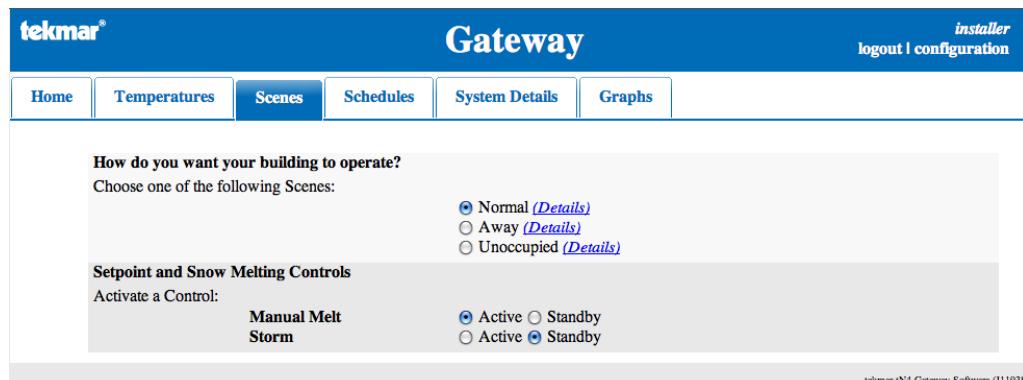
Idling(°F)
OFF 

Storm(°F)
24 

tekmar tN4 Gateway Software (J1193S)

Remote Start Options

- Melt
- Storm



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How do you want your building to operate?
Choose one of the following Scenes:

Normal ([Details](#))
 Away ([Details](#))
 Unoccupied ([Details](#))

Setpoint and Snow Melting Controls
Activate a Control:

Manual Melt Storm	<input checked="" type="radio"/> Active <input type="radio"/> Standby <input type="radio"/> Active <input checked="" type="radio"/> Standby
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Monitoring

- Off, Storm, Idle, Melt State
- Slab Target
- Slab Temperature
- Snow / Ice Sensor Wet or Dry
- Snow Melt Supply Temperature
- System Pump Status
- Boiler, Mixing or PWM Rate

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Device Inventory

Driveway snow melt			
State	Melting	Supply Temperature	109 °F
Slab Target	43 °F	System Pump Status	On
Slab Temperature	27 °F	PWM Rate	100 %
Snow/Ice Sensor Status	---		
Patio snow melt			
State	Melting	Supply Temperature	110 °F
Slab Target	38 °F	System Pump Status	On
Slab Temperature	26 °F	PWM Rate	100 %
Snow/Ice Sensor Status	---		

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Data Logging

- Off, Storm, Idle, Melt State
- Slab Target
- Slab Temperature
- Snow / Ice Sensor Wet or Dry
- Snow Melt Supply Temperature
- System Pump Status
- Boiler, Mixing or PWM Rate

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Graph Controls

From:

To:

* Maximum 13 month graphing period, and up to 1 hr in the future.

Temperature Range: Auto Scale 0 to 31 °F (Min -100, Max 300)

Outdoor Temperature

Snow Melt Zones

Driveway snow melt

State Slab Target Slab Temp Sensor Status

Supply Sys Pump PWM Rate

Patio snow melt

Zones



To remotely update an existing tN4 Gateway 483 over the internet

1. Login to the tN4 Gateway 483 website
2. Click “Configuration”
3. Click “Software”
4. Click “Software Update”

The new software will automatically download and install on the computer.

To manually download and install the update from the Mac computer

1. Quit the tekmarNet® Gateway application so that it is no longer running
2. Use a web browser to go to the tN4 Gateway 483 product page on the tekmar website:
<http://www.tekmarcontrols.com/products/accessories/483.html>
3. Click the Software tab
4. Click 483_sw_06.dmg to save the file to your computer as a DMG file
5. Double click to open the DMG file
6. Double click the “install” icon
7. Click “Yes” when the dialog box asks to install the software

For more information on the new snowmelt features and settings, please refer to the Snow Melting Control 654 installation manual.