

# tekmar® Submittal

## tekmarNet® Internet Gateway 485

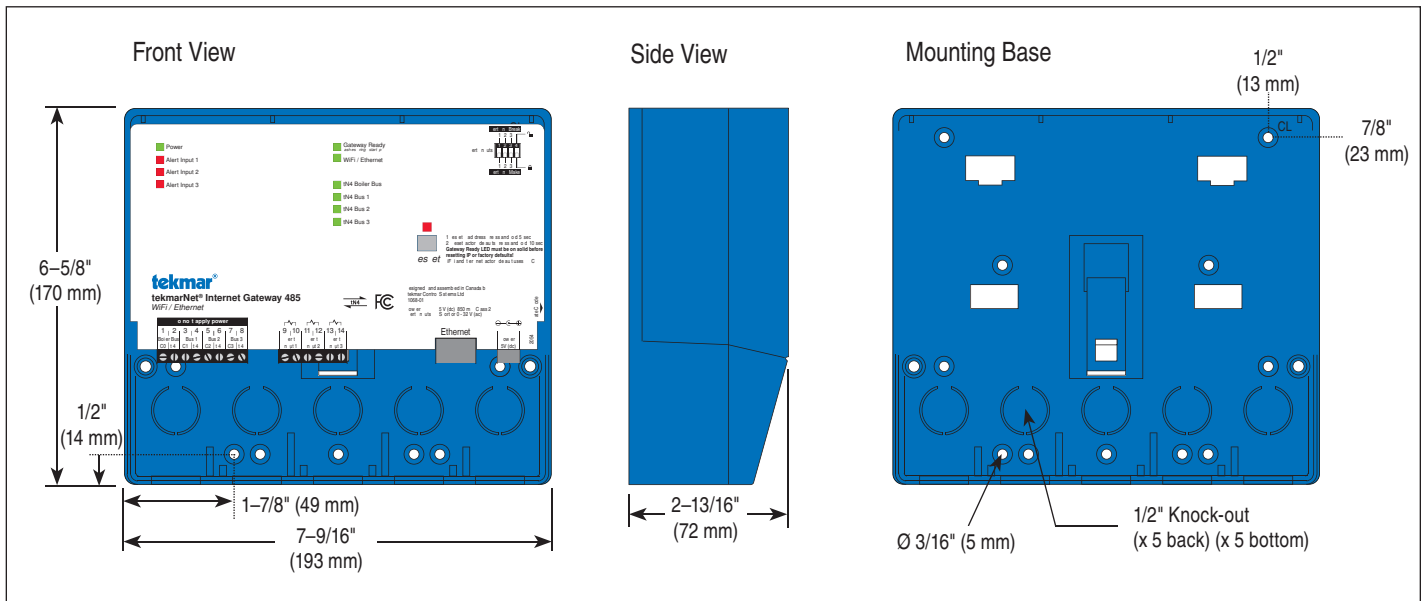


**485\_C**  
12/14

Accessories Replaces: New

Job \_\_\_\_\_ Designer \_\_\_\_\_ Contact \_\_\_\_\_

The tekmarNet® Internet Gateway 485 allows remote access to tekmarNet® compatible controls through a web browser, either over the Internet or through a local area network. Users can view and change settings for each thermostat, including: temperature, heat/cool/auto, fan operation, relative humidity, schedules, and the away scene. In addition, the boiler system temperatures, firing rate, run times, and pump status can be viewed. All system data can be graphed on a chart or be exported to a data file. The 485 can send daily or weekly status reports, as well as error and warning notifications, through e-mail. The 485 includes three alert inputs that can be used to monitor auxiliary equipment.



### Specifications

tekmarNet Internet Gateway 485 WiFi / Ethernet	
Literature	485_C, 485_D, 485_Q, 485_B
Control	Microprocessor control. This is not a safety (limit) control
Packaged weight	2.9 lb. (1300 g)
Enclosure	Blue PVC plastic, NEMA type 1
Dimensions	6-5/8" H x 7-9/16" W x 2-13/16" D (170 x 193 x 72 mm)
Approvals	Class B: ICES & FCC Part 15
Ambient conditions	Indoor use only, 32 to 122°F (0 to 50°C), RH maximum 90%, non-condensing
Power supply	5 V (dc) regulated, 1A, Class 2, FCC certified
Alert inputs	Short, 0 - 32 V (ac)
Ethernet	10/100BASE-T
WiFi	802.11n, 2.4 GHz, WPA2 encryption
Warranty	Limited 3 Year (See 485_D for full warranty)

### Features

- WiFi or Ethernet connection to Internet
- Built-in web server
- Compatible with computer and mobile phone web browsers
- View and adjust thermostat settings
- Monitor hot water system
- Supports multiple user accounts
- Graph and export system data
- Email notification of status and errors
- Error and warning history log
- Three alert inputs for equipment monitoring
- Software updates

### Benefits

- Reduce energy consumption by remotely controlling and monitoring a building's HVAC system
- Notifications can be sent to a service contractor immediately if a problem occurs
- All data and information is stored locally on site
- Pay no monthly or annual fees



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