

Why is this product named a BEMS Interface "Box"? Why not a "Gateway"?

Technically, "gateway" would be the correct way to describe the functionality of this box. (If referring to this product as a gateway allows for further understanding of its functionality, feel free to do so.) The main reason we are calling this a "Box" is due to the fact that this "solution" is intended to provide the customer with a true "BEMS Integration Out-of-the-Box Experience". Everything one needs to integrate the ET90000 controller to an existing BEMS/BAS is right there in the box and it only takes 10 minutes to configure. It is similar to a Home Theater in a Box (HTIB) except it takes less time to configure.

Which protocols does the ET9500 support?

It supports BACnet™/IP, BACnet™ MS/TP, Modbus TCP/IP, Modbus RTU, and Metasys™ N2 by Johnson Controls, Inc. It does NOT support LonWorks.

Are there any limitations or restrictions when it comes to compatibility with existing BEMS/BAS?

There are no limitations as long as one of the following five open protocols are used: BACnet/IP, BACnet MS/TP, Modbus TCP/IP, Modbus RTU, and Metasys N2 by Johnson Controls, Inc.

Does the ET9500 integrate any other Intermatic products other than the ET90000 Controller?

No. The ET9500 is optimized for and exclusive to the ET90000 Controller.

How is the ET9500 solution different from utilizing dry contacts to control the ET90000 Controller?

Unlike utilizing dry contacts to override the schedule, the ET9500 solution provides real-time status tracking of the ET90000 circuits and displays the information on the BEMS/BAS in the format the customer is used to seeing.

How often does the ET9500 "ping" the ET90000 Controller for status?

This is user configurable anywhere from 2 seconds to 20 seconds. The default setting is 10 seconds. This enables the BEMS/BAS to receive real-time status updates of the ET90000 circuits.

Does the ET9500 enable the BEMS/BAS to set schedules on the ET90000 Control?

No. Scheduling needs to be done through the PC App or on the ET90000 itself.

How many ET90000 controllers can 1 ET9500 support?

One ET9500 can support up to 40 ET90000 controllers. Additional ET90000 controllers can be added to the network at any time as long as the total number of ET90000 controls on the network does not exceed 40. For the rare cases where the network requires more than 40 ET90000 controllers, simply add an additional ET9500.

What will happen if I change the DIP switch settings on the ET9500 while power is ON?

Nothing! The only way for the DIP switch setting to effect change is to power cycle the unit.

What information is included with the ET9500 and where can I locate the Configuration Guide?

The customer will find the following two pieces of printed literature when the box is opened :

- ET9500 Installation Instructions
- ET9500 Quick Start Guide

These two sheets contain all the information a typical customer will need to quickly and easily complete the installation and configuration process.

For further information, the ET9500 Configuration Guide is located online at www.Intermatic.com. This guide is intended to be a reference material for the configuration process to address rare cases in which the provided installation instructions and quick start guide are not sufficient. However, in order to provide the quickest and easiest user experience possible, we recommend that the customer call our Technical Support Team at 815-675-7000 for immediate support before referring to the ET9500 Configuration Guide.

*BACnet is a registered trademark of ASHRAE.

**Metasys is a registered trademark of Johnson Controls, Inc.

Connect with us



Intermatic.com

©2015 Intermatic Incorporated
300ET10070