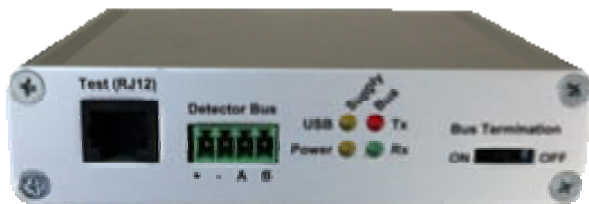


## IFM-485-ST Interface Module RS-485 64A46398-A01

The IFM-485-ST interface module (64A46398-A01) is preconfigured to be operated with the Southwest Microwave Model 415 and Model 420 Passive Infrared Detectors. The installation software is to be installed on a PC; the interface module is required to convert RS232 to RS485. The input cable is 5.0 m long and is terminated with a RJ12 connector that fits into the test socket on the electronic board of the detector. The connection to the PC's COM port is with a standard 3.0 m RS232 or USB A to B cable (sold separately).

The RS485 standard requires a bus topology. To ensure proper communication, the data must be terminated on both ends. The IFM-485-ST features a built-in termination resistor.



IFM-485-ST offers the following advantages:

- Alarm management/ monitoring signal.
- Remote access to detector.
- Connection of up to 16 detectors to a data bus (maximum bus length including 'stitches': 1000 m). If more than one detector is connected to the same RS485 communication bus, each detector must have a different identification number.
- Very useful for alignment and signal check during setting up and routine maintenance.
- Indicates the amplitudes generated by wanted as well as unwanted targets.
- Helps setting the gain control correctly during walk tests and also shows the magnitude of disturbance signals. The information for installation and signal monitoring is displayed on the screen of the PC.
- Features a built-in termination resistor.
- Requires an interface module to convert RS232 to RS485.

### **SPECIFICATIONS:**

**Operating Voltage (External Supply, not included):** 12-30 VDC / 24 VAC, Max. 300 mA

**Unit Dimensions (Net):** 104.8 x 95.3 x 25.4 mm

**Unit Dimensions (Boxed incl. Model 415/420 setup software CD) / Shipping Weight:** 273.1 x 155.6 x 80.2 mm / 386 g