



intelligent motion systems, inc.
Excellence in Motion™

MX-CC500-000 CAN DONGLE

FOR MICROLYNX WITH CAN COMMUNICATIONS
QUICK REFERENCE



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MicroLYNX CAN Dongle Quick Reference Guide

The primary function of this Quick Reference Guide is to acquaint the user with the specifications and configuration of the MicroLYNX CAN Dongle. More information is available in the MicroLYNX manual saved in Acrobat PDF format on the IMS Product CD, shipped with the product. It also may be downloaded from the IMS web site at <http://www.imshome.com>.

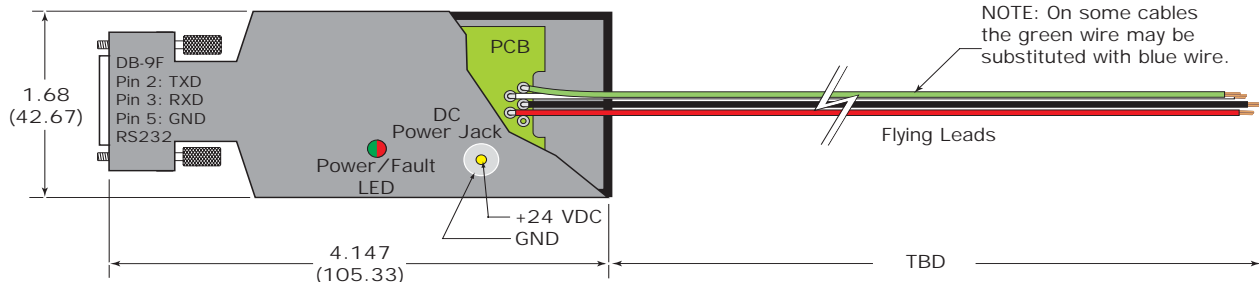
Introduction and Description

The MicroLYNX CAN Dongle consists of a powered converter with a DB-9F plug to connect to the customer's PC Comm port, and flying leads which connect to the MicroLYNX communications terminal block and the MicroLYNX power source. The length of the flying leads is variable. The CAN Dongle also has an on-board power jack to allow the user to connect an external power source. This option is necessary when the MicroLYNX power source is greater than +60 VDC. The CAN Dongle is also equipped with Power and Fault LEDs.

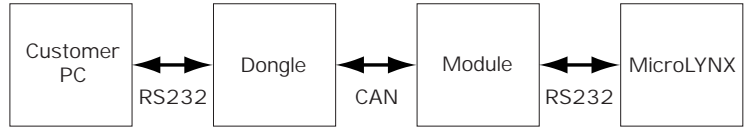
WARNING! Never connect an external power source to the CAN Dongle and the CAN Dongle power leads (red and black) to the MicroLYNX power source at the same time. You must only connect one or the other or damage may occur in the CAN Dongle, the MicroLYNX or both.

CAN Dongle Details

Dimensions in Inches (mm)



Communications Diagram



- Communications must be setup between:
- 1) The PC and the CAN Dongle.
 - 2) The CAN Dongle and the CAN Module.
 - 3) The CAN Module and the MicroLYNX.

NOTE: The RS232 baud rate between the PC and the CAN Dongle does not have to be the same as between the CAN Module and the MicroLYNX.

Required Connections

