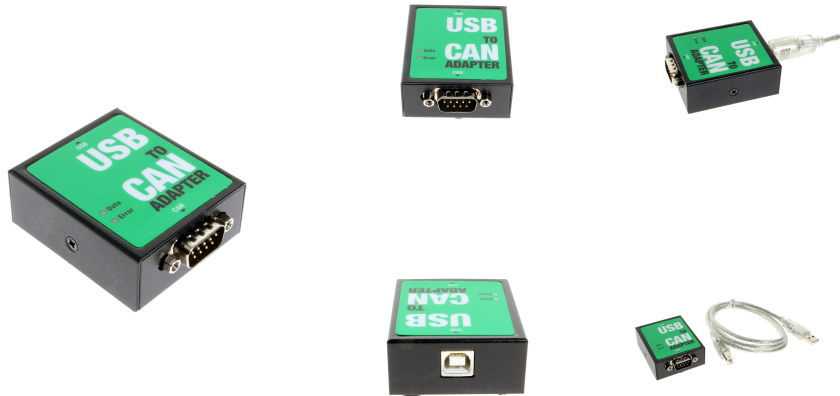


Technical Data Sheet Rev 06-250807

# USB to CAN Bus Adapter with Galvanic Isolation in Metal Case

Model Number: CG-1PMGICAN



## Features

- Adds a CAN bus port on your computer by connecting to a USB 1.1, 2.0 or 3.0 port. Supports CAN 2.0A and CAN 2.0B protocols.
- Built small for single port operations, this CAN Bus adapter employs 2500V galvanic isolation to catch stray signal noise produced by current.
- LEDs indicate initialization and CAN bus status.
- Easy to use API provided along with sample source codes and GUI sample programs.
- Easy plug and play installation and CAN bus device connection. Powered by USB port, no external power adapter required.

## Package Contents

- Adapter
- Driver/Software Disk
- USB Cable

## Specifications

### OVERVIEW

|                        |             |                |                    |
|------------------------|-------------|----------------|--------------------|
| Model No               | CG-1PMGICAN | Product Type   | USB Serial Adapter |
| Compliance             | CE   FCC    | UPC            | 045079161146       |
| Country of Origin      | Taiwan      | LED indicators | System Status      |
| Electrical Protections | 16KV        |                |                    |

### PHYSICAL

|                   |             |                  |             |
|-------------------|-------------|------------------|-------------|
| Ship Weight (lbs) | 0.49 lbs    | Ship Weight (kg) | 0.22 kg     |
| Item Weight       | 0.219 lbs   | Length           | 2.4 inches  |
| Width             | 1.97 inches | Height           | 0.91 inches |
| Material          | Steel       | Color            | Black       |

## Specifications Cont.

### CONNECTIONS

|                   |                                          |
|-------------------|------------------------------------------|
| USB Specification | USB 2.0                                  |
| Connector(s)      | DB9 Male w/ Nuts   USB 2.0 Type B Female |

### SERIAL SPECS

|              |                                |
|--------------|--------------------------------|
| FIFO         | 512 bytes transmit and receive |
| Serial Modes | CANBUS                         |

### ENVIRONMENTAL

|                       |              |
|-----------------------|--------------|
| Operating Temperature | 0C ~ 60C     |
| Storage Temperature   | -20C ~ 75C   |
| Operating Humidity    | 5% to 95% RH |

### OS SUPPORT

|                             |                                                                               |
|-----------------------------|-------------------------------------------------------------------------------|
| Supported Operating Systems | Linux   OSX 10   Windows 11   Windows 10   Windows 8   Windows 7   Windows XP |
|-----------------------------|-------------------------------------------------------------------------------|

### WARRANTY

|                 |        |
|-----------------|--------|
| Warranty Period | 1 Year |
|-----------------|--------|

### PRODUCT URL

|              |                                                                                                                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Page | <a href="https://www.coolgear.com/product/usb-to-can-bus-adapter-galvanic-isolation-metal-case">https://www.coolgear.com/product/usb-to-can-bus-adapter-galvanic-isolation-metal-case</a> |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## USB CHARGING & CONNECTIVITY EXPERTS

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