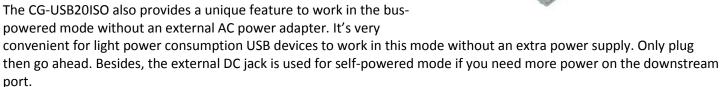## CG-USB20ISO USB 2.0 High Speed Isolator Adapter and Screw Lock Cable 480Mbps

The CG-USB20ISO is a USB 2.0 High Speed Isolation Adapter that complies with the Universal Serial Bus (USB) Specifications Revision 2.0 High Speed and work up to 480Mbps data rate. It provides 1 downstream facing port with standard A-type USB 2.0 connector.

With its isolation controller, it works backward compatible either when the downstream port is connected to an USB 1.1 or USB 2.0 compliant device, or when the upstream port is connected to an USB 1.1 or USB 2.0 compliant host.

The CG-USB20ISO also provides a unique feature to work in the bus-powered mode without an external AC power adapter. It's very convenient for light power consumption USB devices to work in this mode without an extra power supply. Only plug then go ahead. Besides, the external DC jack is used for self-powered mode if you need more power on the downstream port.

Since the USB is the most popular external port for the devices to connect to PCs, the CG-USB20ISO provides an ideal solution to isolate your USB ports immediately and save your investment.

Features

- Compliant with USB 1.1 and USB 2.0 High-speed
- Supports High-speed, Full-speed and/or Low-speed
- Packet Protocol Sequencer for Endpoint 0/1
- Switch Selectable for Low-speed and Full-speed Operation Modes
- Provides 1 Downstream Facing Port
- Supports Screw-Lock USB Mechanism
- Supports Wall and DIN RAIL Mounting Kits
- Up to 480Mbps USB2.0 High Speed Data Rate
- Supports 2,500 Vrms Isolation between Upstream and Downstream Facing Port
- Supports Self-powered and Bus-powered Mode
- Built-in Power LED Indicator
- Supports DC Jack for Downstream USB Bus Power

Specification

System

For systems with USB 2.0 or USB 1.1 Ports

USB Port

Provides 1 USB downstream part which managing up compatible with USB 1.1 host and device ports.

- Supports USB 1.1 and USB2.0 High-speed
- Provides 1 Downstream Facing Port

- Supports 2,500 Vrms Isolation
- Supports High-speed, Full-speed and Low-speed Data Rate Automatically
- Supports 480Mbps, 12Mbps and 1.5Mbps Speed
- Supports Screw-Lock USB Mechanism
- Supports Self-powered (downstream port domain) and Bus-powered Modes
- Supports DC Jack to Improve Downstream Domain USB Bus Power
- Supports Wall Mounting and Optional DIN RAIL Mounting Kits
- Supports Power LED Indicator

USB Devices

Supports keyboard, mouse, monitor, scanner, printer, PC Camera, telephone, CD-ROM drive, joystick, pen drives, virtual reality helmet, modem, PBX and many more.

I/O Hardware

- Supports 1 external USB1.1/2.0 Type-A connector and 1 Type-B Upstream connector.
- Supports 1 DC Jack for optional external power input from AC adapter

Environmental:

- Operating Temp.: 0 to 55°C (32 to 131°F)
- Storage Temp: -20 to 85°C (-4 to 185°F)
- Operating Humidity: 5 to 95% RH

Form Factor

3.24" (L) x1.74" (W) x0.87" (H) (8.23 x 4.42 x 2.22 cm)