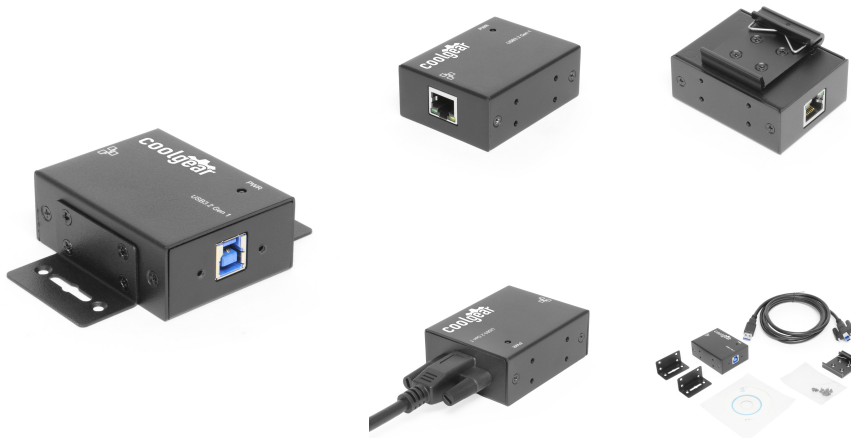


Technical Data Sheet Rev 06-260630

Industrial USB 3.2 Gen 1 to Gigabit Ethernet Adapter w/ Screw Locking USB-B Port

Model Number: CG-31BG1EA



Features

- Features a detachable USB-B cable with a screw-locking mechanism to prevent accidental disconnections during operation.
- LED indicators display real-time power and Ethernet connection status for easy diagnostics.
- Supports 10/100/1000 Mbps connections with full-duplex IEEE 802.3x flow control and half-duplex backpressure flow control.
- Integrated 600W surge protection and 15KV ESD safeguard sensitive components from electrical hazards.
- Requires no external power supply, drawing power directly from the USB port for streamlined deployment.

Package Contents

- Adapter
- DIN rail bracket
- Mounting Bracket
- Screw Pack
- Screw Lock USB Cable

Specifications

OVERVIEW

Model No	CG-31BG1EA	Product Type	USB Adapter
Compliance	CE FCC IEEE 802.3 az POP REACH RoHS	UPC	045079165229
Country of Origin	China	LED indicators	None or N/A
Chipset	ASIX AX88179BQF	Electrical Protections	15kV

PHYSICAL

Ship Weight (lbs)	0.75 lbs	Ship Weight (kg)	0.34 kg
Item Weight	0.27 lbs	Length	2.58 inches
Width	1.97 inches	Height	0.99 inches
Material	Steel	Color	Black
Mountable	Surface / Wall Mount Din-Rail Mount		

Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Upstream Port Type	Type B
Downstream Port Count	1
Downstream Port Type	RJ45
Works as Standalone Charger	N - Requires Host to function
Can be Bus Powered	Y - Supports Bus Power

POWER

Input Voltage	Bus powered
---------------	-------------

ENVIRONMENTAL

Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20 to 75°C (-4 to 167°F)
Operating Humidity	5% ~ 85% (non-condensing)

OS SUPPORT

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

WARRANTY

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

PRODUCT URL

Product Page	https://www.coolgear.com/product/industrial-usb-3-2-gen-1-to-gigabit-ethernet-adapter-w-screw-locking-usb-b-port
--------------	---

USB CHARGING & CONNECTIVITY EXPERTS

We Speak Your Speak



When you reach out to Coolgear support, you'll find yourself in the hands of a solution-oriented and knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

[Visit Support](#)