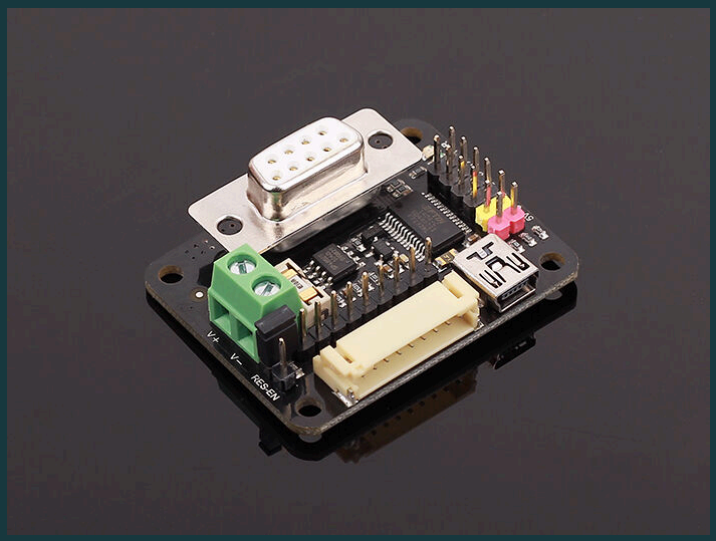
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INDUSTRIAL PRODUCT DATASHEET

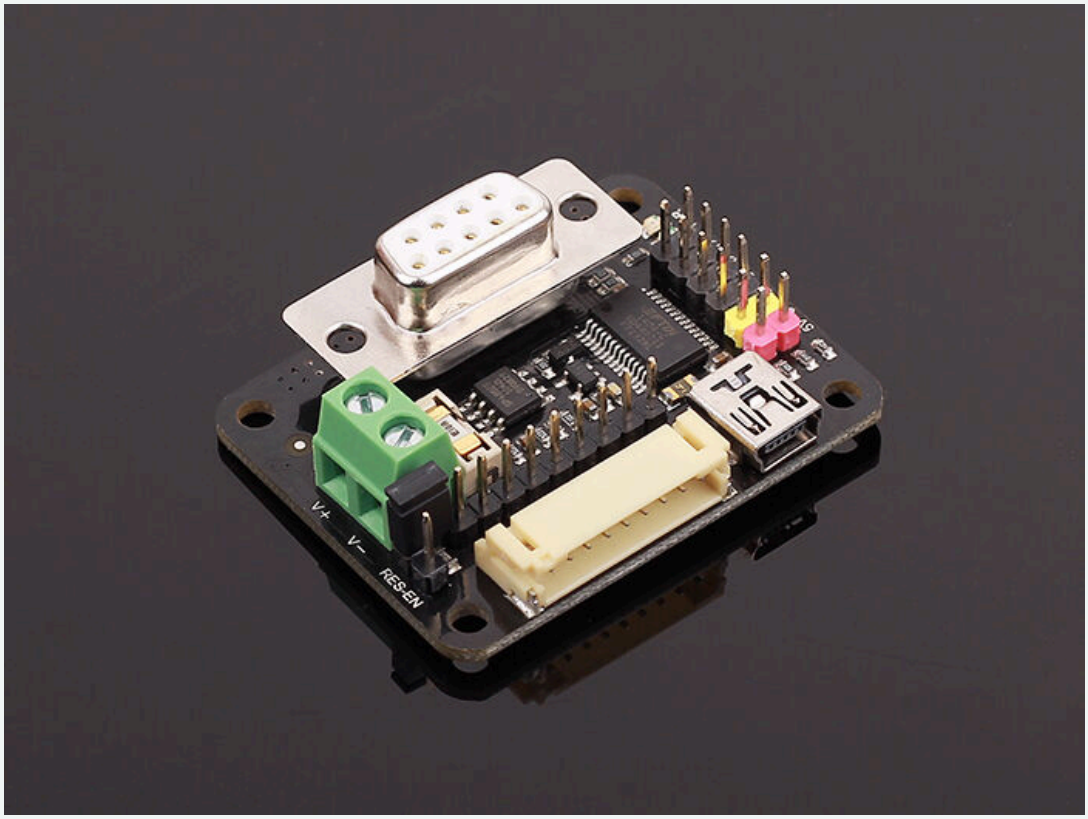
GDA-HLU1 (USB adapter for Gicren device)

GDA-HLU1 USB-to-RS485 adapter with isolated ground, automatic data direction control, and versatile connectivity for Gicren devices.

SKU	UPDATED	PRICE
114990178	2024-08-09 02:02:38	$13.00(Excl. VAT)



Overview



The GDA-HLU1 is a USB-to-RS485 adapter with automatic data direction control, utilizing FT232RL and SP485EEN for conversion. It provides multiple connector options (D-Sub-9Pin-Female, SMT-PH2.0-9Pin, Header-2.54mm-Pitch-9Pin), an onboard fuse, and a selectable matching resistor for flexible and reliable connections.

Key Features

Description

GDA-HLU1 is a USB-to-RS485 adapter(automatic data direction control) for all Gicren's standard devices, whose conversion mechanism is "USB <-> UART(FT232RL) <-> RS485(SP485EEN)", so it can also be used for other general purpose via pin header, such as “USB<->UART”, “USB<->RS485” and ”UART<->RS485”

Features：

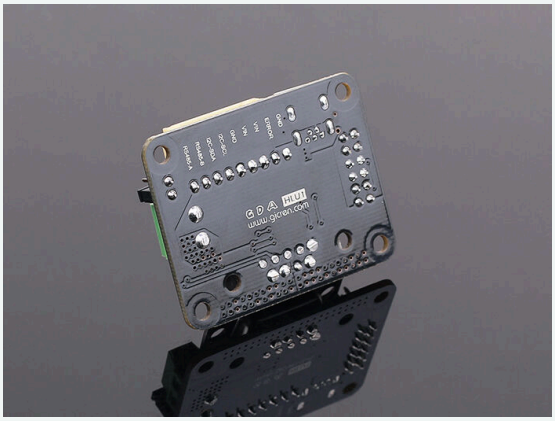
Taking into account security issues, there are only D+ and D- pins connected to SP485EEN. In other words, the front-end circuit and back-end circuit do not share the same ground in the printed circuit board, but it is recommended to connect them manually to avoid excessive common-mode voltage when you are sure the connection is correct.

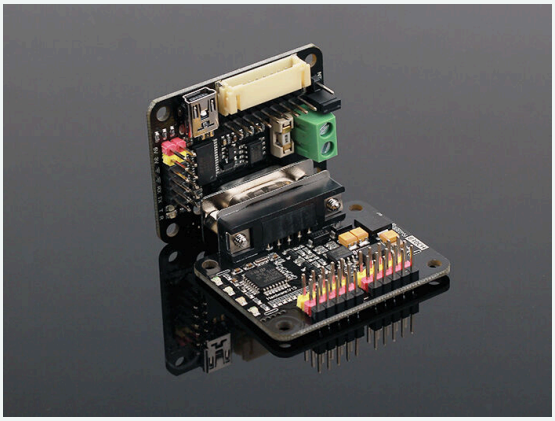
In addition, the onboard high-quality D-Sub-9Pin-Female, SMT-PH2.0-9Pin, Header-2.54mm-Pitch-9Pin, fuse and selectable matching resistor make this adapter more flexible and reliable.

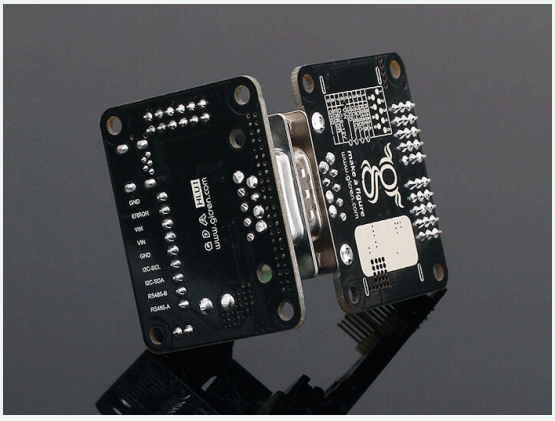
Visit **here** for updated documents of Gicren’s products

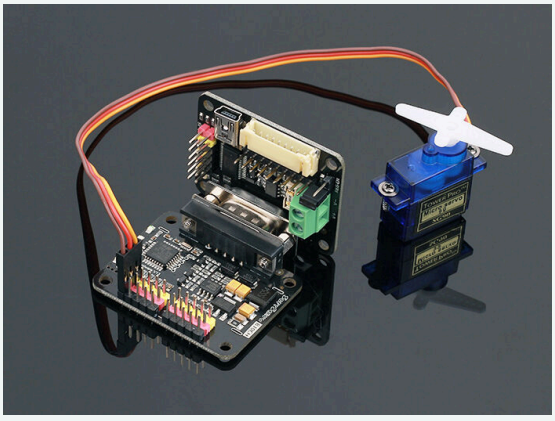
Technical Details
Technical details

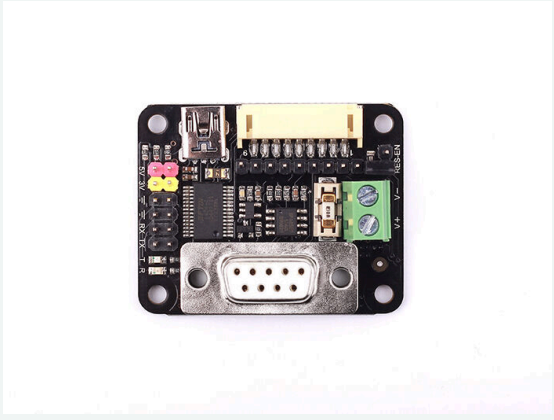
Product Gallery

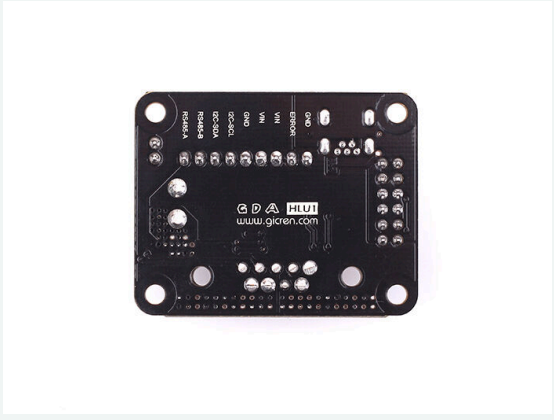












Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/GDA-HLU1-USB-adapter-for-Gicren-devic-p-2251.html

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