


USB to CAN Adapter Model A, STM32 Chip Solution, Multiple Working modes, Multi-system Compatible

SKU: 23635
Part Number: USB-CAN-A

$18.99

1
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$18.59	2+

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$18.39	3+
$18.31	4+

Related Products:



DESCRIPTION PACKAGE CONTENT

USB To CAN Adapter Model A, STM32 Chip Solution, Multiple Working Modes, Multi-System Compatible

USB To CAN Adapter Model A

STM32 Chip Solution, Multi-System Compatible, Multiple Working Modes

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Features At A Glance

- Supports CAN2.0A (standard frame) and CAN2.0B (extended frame)
- CAN baud rate is configurable in the range of 5Kbps-1Mbps
- Supports 4 working modes: normal mode, loopback mode, silent mode, silent loopback mode
- Supports multiple CAN data sending modes: single frame, multiple frames, manually, regularly and cyclic sending
- Supports multiple CAN data receiving modes: can be configured to only receive data from a certain ID, or specify ID to automatically answer the configured data
- Data can be saved as TXT or Excel
- Supports CAN bus detection for status checking
- Sending/receiving CAN data with time scale, allows sequentially displaying
- Baud rate of USB virtual COM port is configurable in the range of 9600 ~ 2000000bps (2000000bps by default)
- Supports setting working parameters by configuration software or serial command, can be saved after power off
- Adopts STM32 chip solution, stable and reliable communication
- Onboard TVS (Transient Voltage Suppressor), effectively suppress surge voltage and transient spike voltage in the circuit
- Comes with master computer software for Windows system, easy to use
- Easy secondary development, just need to modify the sending and receiving commands

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Version Upgrade

Primary Functions

Collects Data From CAN Bus To PC Via USB For Transceiver Control, Data Analysis, Acquisition And Monitoring Of CAN Bus Network

CAN Baud Rate Configurable

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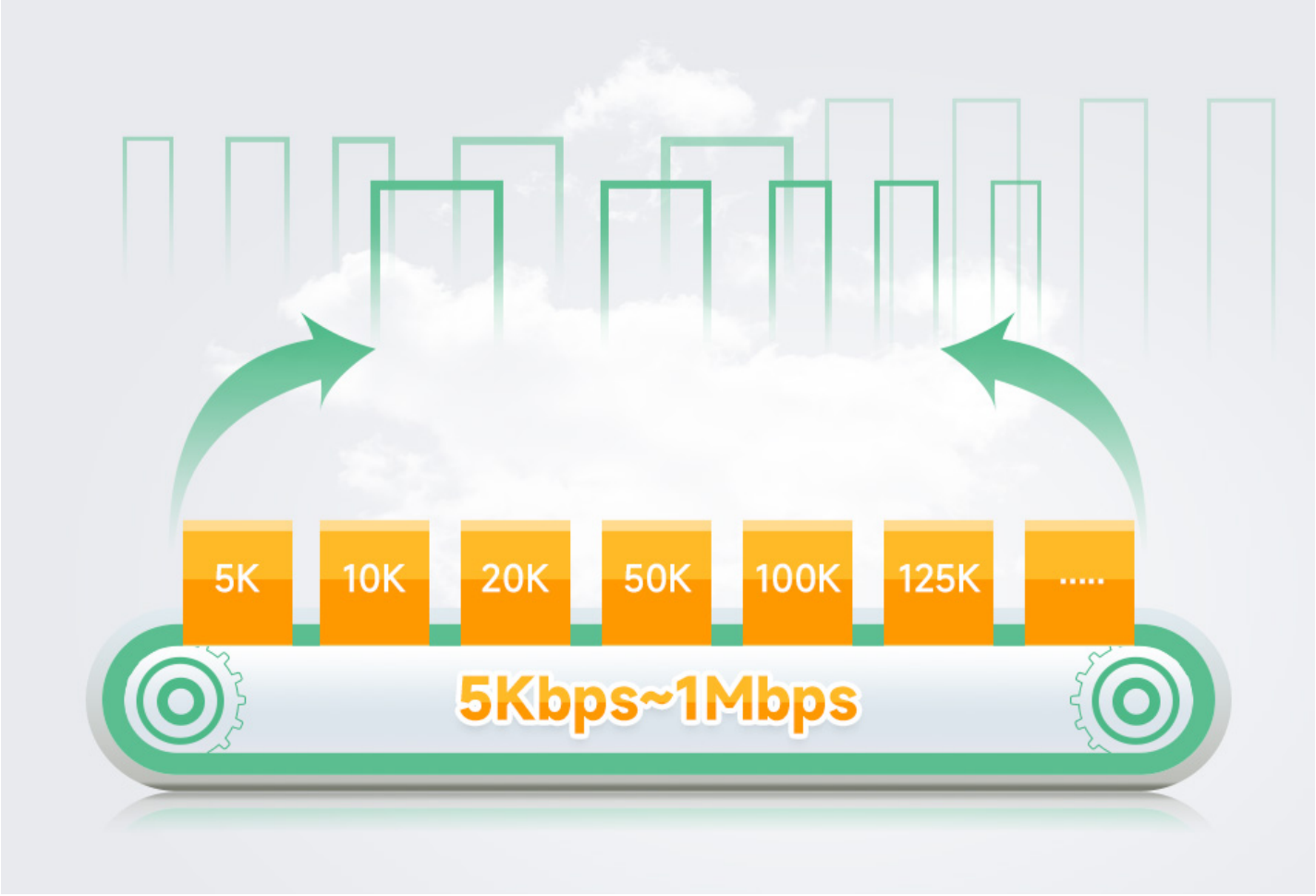
CAN Baud Rate Is Configurable In The Range Of 5Kbps-1Mbps



Support Windows And Linux System

Support Windows XP/7/8/10/11 And Linux Systems Such As Raspberry Pi OS And Ubuntu Under Jetson Nano, Support Secondary Development

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Support Multiple Working Modes

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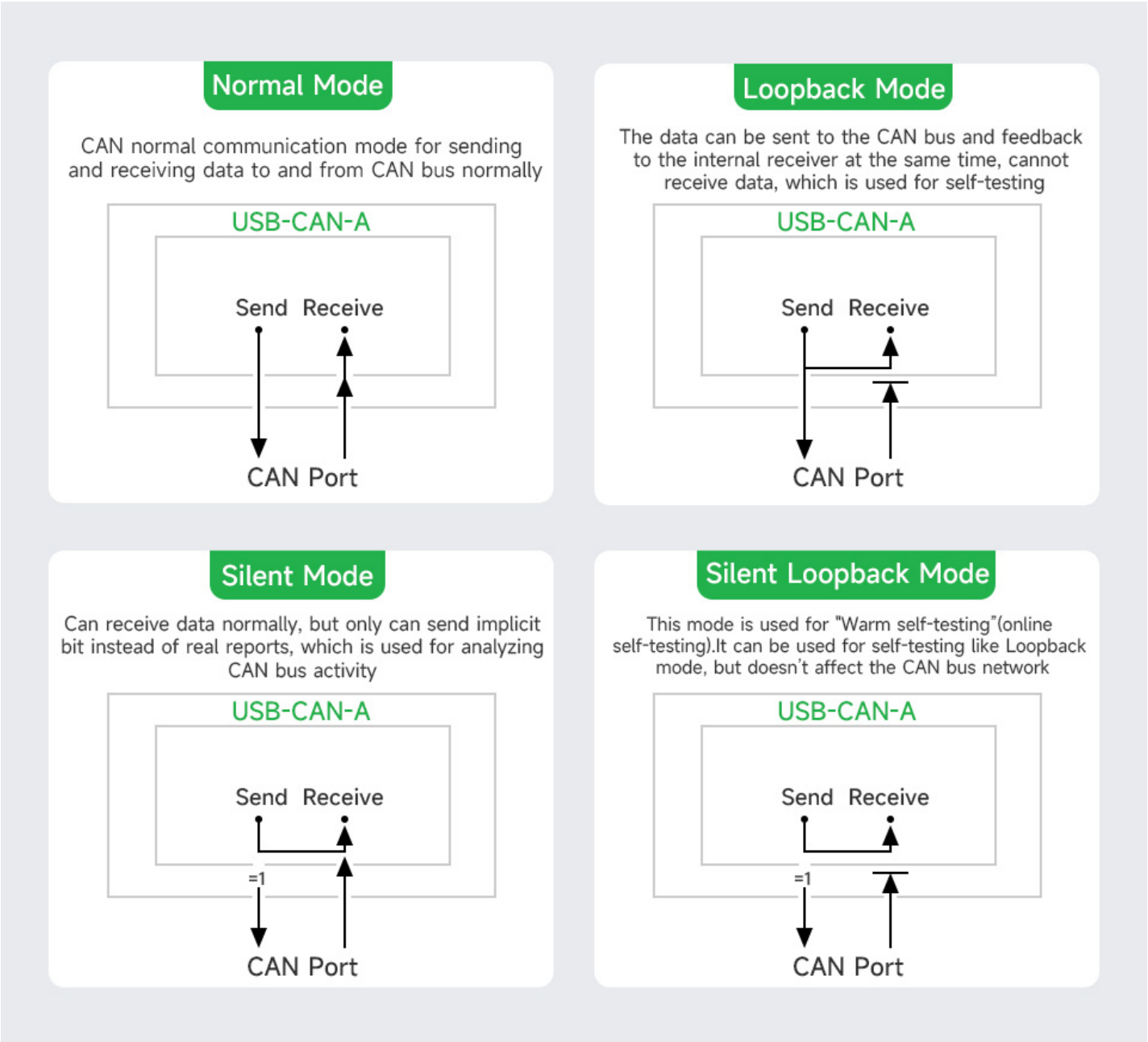

Adopts STM32 Chip Solution

Adopts The Original STM32F103 Chip, Stable And Reliable Communication

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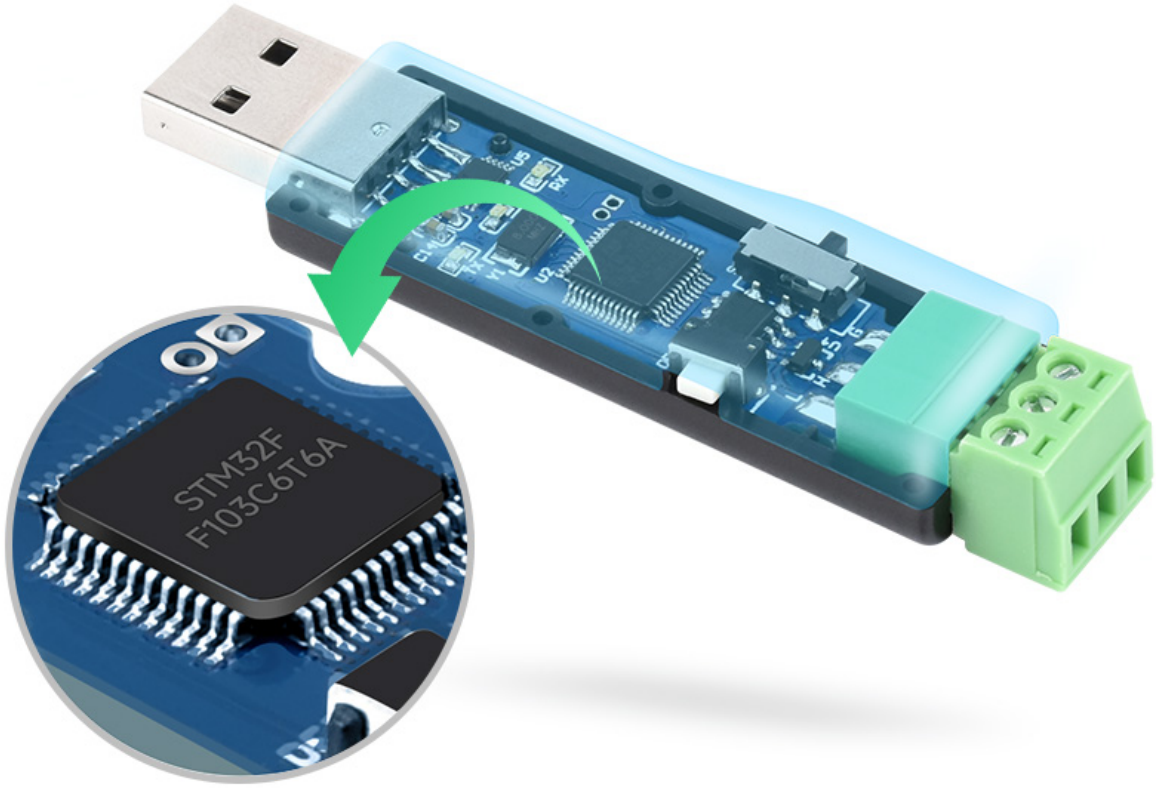

Interfaces Introduction

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1	**TX indicator:**	Blinks when CAN is sending data
2	**PWR indicator:**	Power indicator, light up red when the USB port is connected
3	**RX indicator:**	Blinks when CAN is receiving data
4	**Reset button:**	Press before power on then release after power on to restore factory settings
5	**120Ω resistor switch:**	Switch to CAN terminal side to enable 120Ω resistor, switch to the other side to disable

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Product Show

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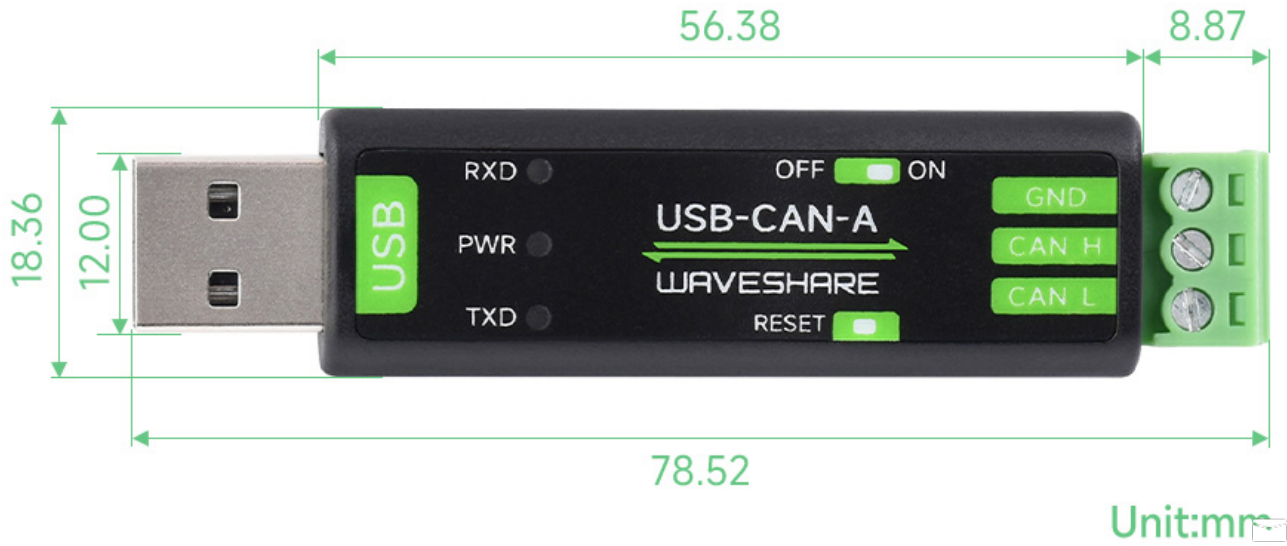
Outline Dimensions



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Resources & Services

WIKI: www.waveshare.com/wiki/USB-CAN-A

* Resources for different product may vary, please check the wiki page to confirm the actually provided resources.