

sCAN V1.0

Serial to CAN Converter

sCAN converts RS232 signals to CAN signals and vice versa. The built-in processor can identify a serial command to modify the configuration or transmit/receive CAN signals. CAN transmit/receive commands can be modified that the users do not have to modify the software or the system they are using. The commands can be set to the unit by terminal, but CANView is provided for easier task. CANView allows users to communicate, test and update the firmware.



Features

ABOR(Automatic Bus-Off Recovery)

When CAN Bus is off, it will automatically recover with ABOR(Automatic Bus-Off Recovery) feature.

ID Masking

sCAN can accept pre-allowed CAN ID only. This is called "Masking". In general, CAN communication combines received CAN ID and mask in CAN network to see only necessary frames implemented in the hardware level to reduce the communication handling loads.

This feature can be set with a terminal or the CANView.

CANView

With CANView, users can set and test sCAN. It comes with GUI to easily configure sCAN. There is a small terminal screen in CANView where users can monitor CAN data frame in the CAN bus. Sending CAN frames can be done in the same screen with few clicks. CAN data shown in the mini terminal screen can be saved in TXT format for later use or analyzing CAN frame data.

sCAN Specifications

Serial Bus Interface

Interface	DE9 Female Socket
Port	1
Maximum Speed	460.8kbps

CAN Bus Interface

Interface	DE9 Male Plug
Port	1
Maximum Speed	1Mbps
Signal	CAN_H(7), CAN_L(2), VDD(9), GND(6)
Protection	±15KV ESD Protection

Hardware

Power	DE9 #9 pin and/or CAN VBUS
Dimension	34.9(W) x 67.1(L) x 16.5(H) mm
Weight	23.3g

Software

Utility	CANView
OS	CANView for Windows 7/ 2008/ 8.1/ 10/ 2012
Feature	Test/Setting/Firmware upgrade

Operating Temperature

Operating	-40 ~ 85℃
Storing	-40 ~ 85℃
Humidity	5 ~ 95% Non-condensing

Certification

CE, KC