

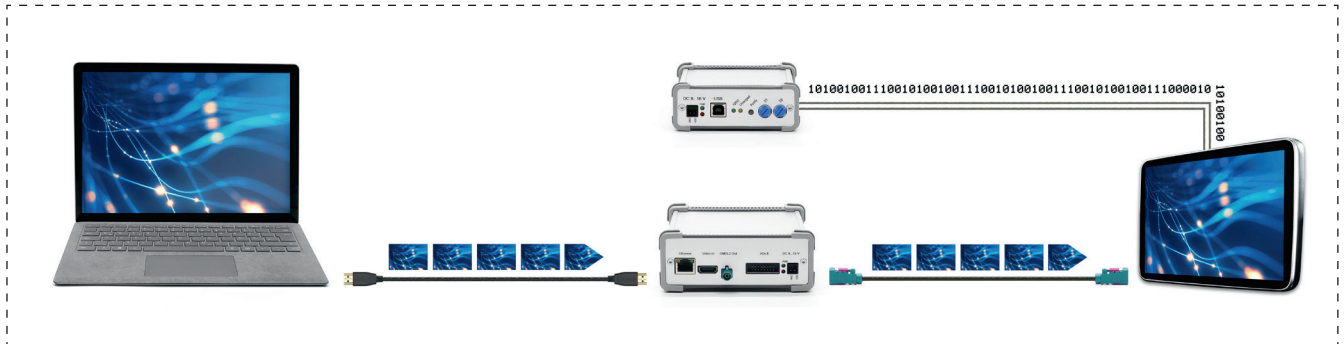


SIGNAL GENERATOR

Stand-alone playback of CAN messages

The answer to your challenges is here ▶

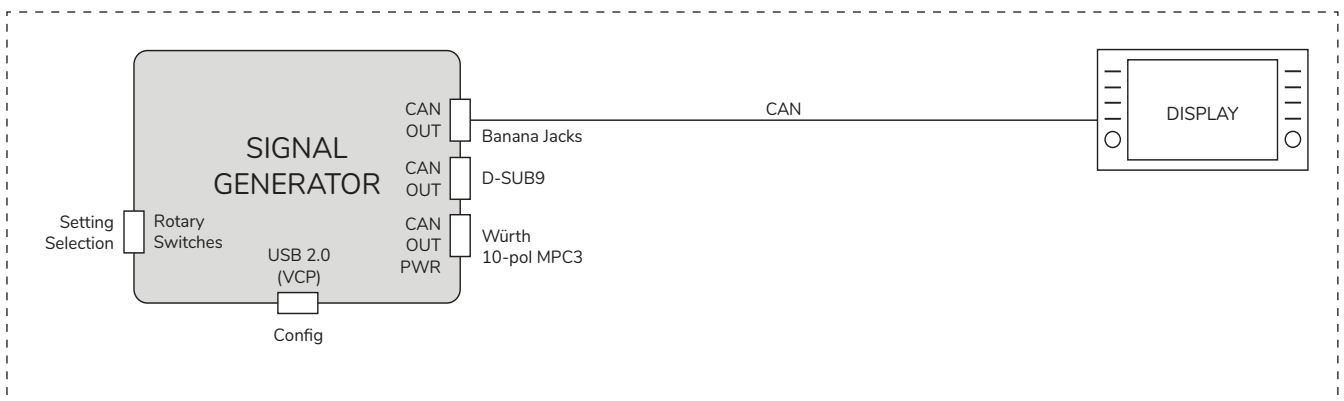
Stand-alone playback of CAN messages



Features

- ▶ Easy generation of CAN data for driving single components (e.g. Automotive Display) without need of expensive CAN tools
- ▶ Easy adaptable to new use-cases
- ▶ Applicable to Display, HEAD-Unit, Camera testing and other ECUs
- ▶ Wide variety of TZ add-on products

General Device Structure



Key Features

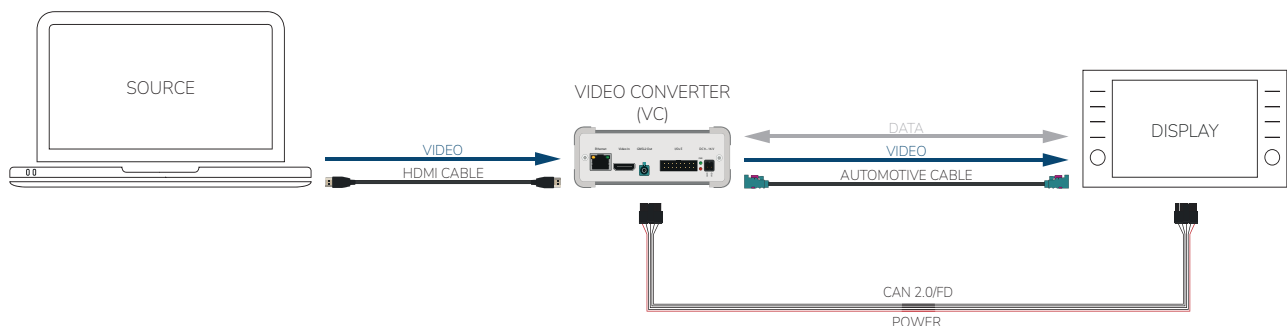
- Various output connectors (4mm Banana, D-Sub 9, Würth 10-pol MPC3)
- Power supply delivery to ECU over one connector (Würth 10-pol MPC3)
- Up to 25 messages per setting with variable cycle time
- Up to 80 pre-configured settings plus 20 user defined settings with
- 100 selectable settings for different use cases or components
- Message configuration possible for Extended ID, FD, RTR,...
- Selectable CAN bitrates per setting
- Activation / deactivation of the 120 Ohm termination
- Message configuration possible for CAN ID, Extended ID, CAN FD, RTR, data length and data

Typical Customer Applications

- Easy initial operation, evaluation, testing of components at user working desk without need of expensive tools

Use Cases

Display Driving



Technical Data

PC interface (configuration)	USB 2.0
Power supply	+9 to 16V (DC)
Max. Power Consumption	Max. 2W
Power Output	+9 to +16V (DC) (same voltage as input)
Max. Output Current	5A peak
Dimensions [L/W/H] (without connectors)	130 / 92 / 55 mm
Temperature range	0°C...70°C








Signal Generator Variations


Part No	Technology	CAN Output Connector 1	CAN Output Connector 2	CAN Output Connector 3
SG0010	CAN2.0	4 mm Banana Jacks	D-SUB 9 male socket	10 pin WE header with power supply




SG0010

Signal Generator Features

Part No	Features
SG0010	      

 Setting Switches

 TZ GUI Support

 CAN Playback

 Power supply

 Extended ID

 RTR

 120 Ohm termination

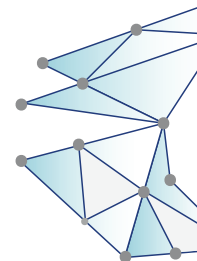
 CAN FD

Suitable Add-on Products

Description
All TZ products like Video Converter, Framegrabber and Signal Processing Units



we empower
automotive video
innovations



TZ Electronic Systems GmbH
75223 Niefern-Öschelbronn
www.tz-es.com

General Inquiries
info@tz-es.com
+49 7233 – 958 99 45
Availability by telephone:
Monday through Thursday,
8 a.m. to 4 p.m.
Friday 8 to noon

Sales
sales@tz-es.com
+49 7233 – 958 99 64
Availability by telephone:
Monday through Thursday,
9 a.m. to 4 p.m.
Friday 9 to noon

Support
support@tz-es.com