

CAN Bus Data Read & Write

ProtoCAN

CAN Bus-Cloud Gateway
Two-Way Communication

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Features

How it Works

The device has on-board hosted configuration webpage. Enter required details such as addresses, credentials, and other details in the configuration file. Upload the file and reboot the device. For more details, contact us.

Industry

- Automotive Systems
- Fleet Management
- Railways
- Mining Machineries



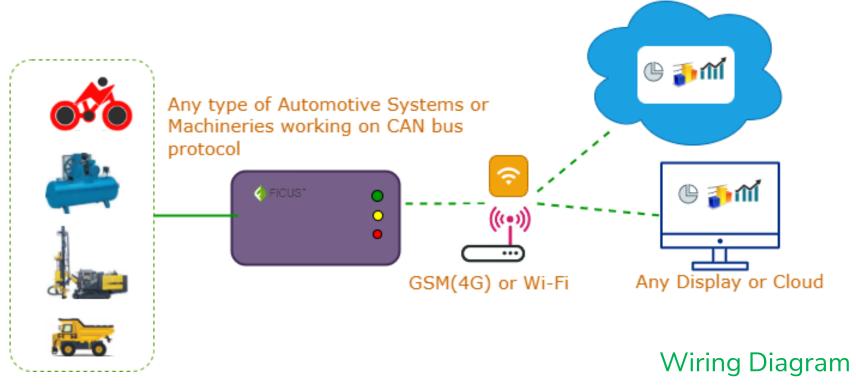
Applications

Suitable for all use cases where you need to read CAN bus data from Automotive systems or Machineries that operate on CAN bus protocol and send it to cloud/server via GSM-4G.

- CAN bus data reading from and writing to Automotive systems and machineries.
- · Cloud Gateway.
- Data Logging.

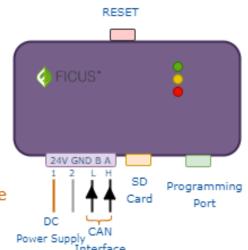


Application Architecture



Note: Only for representation purpose.

Placement of connectors and number IOs may vary on different models. Please check data sheet for more details.





Specifications

IOs

CAN bus

Local Storage

- Onboard SD card (8/16GB)
- Data logging on SD card

Power

DC Input: 24VDC

Configuration

 Configuration Support: Device hosted configuration web page (more details in next pages)

Communication

- Cloud Communication
 - GSM Supports all types of 4G SIM
- Supports Modbus, MQTT, HTTP/S protocol

Other Specifications

- RTC Support
- Server time/NTP time synchronization
- Configurable Time zone
- LED Indications: 3
- Operating Temp: From $-10^{\circ}C$ to $70^{\circ}C$
- Humidity: 0% 90% non-condensing
- Mounting: DIN Rail & Wall mounting with Screw
- IP Protection: Two form factors,
 - IP 20
- Enclosure: Polycarbonate Transparent Cover and ABS Opaque Base
- Color: Light Grey (RAL 7035)



FIGUS*

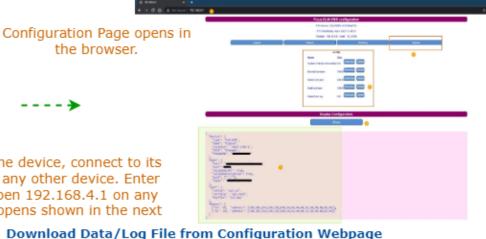
Configuration Web Page

the browser.





To Open Configuration Web page of the device, connect to its WiFi Hotspot from a mobile, laptop or any other device. Enter credentials to connect to the Wi-Fi. Open 192.168.4.1 on any browser. The configuration web page opens shown in the next



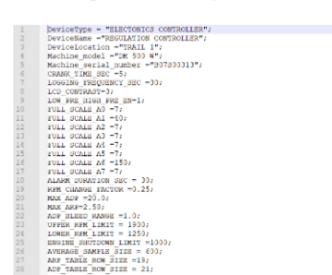
Configuration File can be used for:

1. To configure device parameters such as set/trigger points, Mapping tables, program variables etc.

image.

2. Download Data/Log files.

Configuration File Template



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	File H	ome	Inse	rt	Page	Layou	t F	ormulas	s Data	Revie	ew View
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	Α	В	С	D	Е	F	G	Н	1	J K	L
1	Date	RPM	oil_pre	coola	batt_	ADP	ADT	operati	warning_a	total_fue	
2	14:43:45;1	0	0	0	0	0	0	0	IGN_DET	0	
3	14:43:51;1	0	0	46	0	0.62	36.4	21.45	IGN_DET	0	
4	14:43:56;1	0	0	46	0	0.59	35.2	21.45	IGN_DET	0	
5	14:44:01;1	0	0.92	46	0	0.6	36.2	21.45	IGN_DET	0	
6	14:44:14;1	0	0	0	0	0	0	0	IGN_DET	0	
7	14:44:19;1	0	0	0	25	0.63	36.7	0	IGN_DET	0	
8	14:44:24;1	0	0	0	25	0.56	36.4	0	IGN_DET	0	
9	14:44:29;1	0	0	0	25	0.62	37.4	0	IGN_DET	0	
10	14:44:34;1	0	0.92	0	26	0.6	36.5	0	IGN_DET	0	
11	14:44:40;1	0	0.92	0	26	0.6	35.4	0	IGN_DET	0	
12	14:44:45;1	0	0.92	46	26	0.6	36.2	0	IGN_DET	0	
13	14:44:50;1	0	0.92	46	26	0.63	36	0	IGN_DET	0	