

FG-100 CAN to Ethernet Gateway

Industrial Automation

Access CAN Networks and Devices remotely via Ethernet

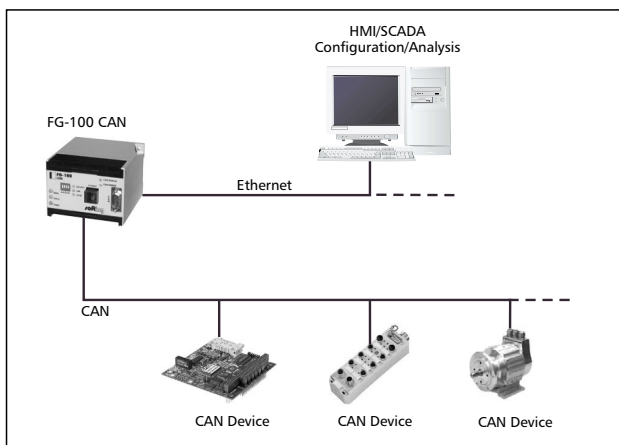


Get access to your data!

CAN is a very popular technology widely used in embedded networks in many plant floor applications. As integration of plant floor data into management systems is getting increasingly important, efficient interfaces are required for that purpose. Softing's fieldbus gateway FG-100 CAN allows users to integrate CAN, CANopen or DeviceNet networks directly into PC-based applications like data acquisition, machine control or network analysis.

It saves You Money...

There is no need to change your equipment's hardware and application in order to get access to the remote data.



FG-100 integrates CAN in Ethernet architectures

...And Time...

Get started in just a couple of minutes. Install the driver software on any PC you would like to be connected. Then attach the FG-100 CAN to your Ethernet network and assign an IP address of your choice. Connect the gateway to the CAN network. Done!

...And it is fast!

The FG-100 CAN keeps track of high speed communication up to 1 Mbit/s. In order to allow for asynchronous access by the PC application all messages are buffered in the gateway.

There are many more benefits

FG-100 CAN can just listen to the network traffic or act as an active CAN device. The application programming interface allows users to integrate the data into their customized control applications. Existing applications based on Softing's CAN PC interfaces also run together with FG-100 CAN. Finally, add-on tools for network configuration and analysis are available off-the-shelf.



Hardware	FG-100 CAN
CPU	x86 compatible, 48 MHz
RAM	256 kB
Flash	2 MB

Fieldbus Interface

Supported protocol	CAN, compatible with CANopen and DeviceNet
Bus interface	CAN high speed
Connector	9-pin Sub-D male connector
Transfer rate	up to 1 Mbit/s
Functionality	CAN message layer interface

Ethernet Interface

Ethernet	100BASE-TX/10BASE-T, 100Mbit/s and 10 Mbit/s with automatic recognition
Connector	RJ45

Additional Interface

Power/RS 232	12-pin pluggable screw terminal block for power supply and RS 232 connection for configuration/update
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Further Information

Power supply	24 V (+-20 %) DC; 0.2 A typ.
Degree of protection	IP 20
Ambient temperature	0°C ... +55°C
Storage temperature	-20°C ... +70°C
Dimensions (W x H x D)	100 x 75 x 110 mm (3.9" x 2.9" x 4.3")
Mounting	35 mm DIN rail or wall mount
Registration	CE

Scope of Delivery

FG-100 CAN, Installation Manual and CD with Windows drivers

System Requirements

PC with Windows XP, Windows 2000 or Windows NT
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Add-On-Products

X-Analyser	CAN analyzer software for Windows, full version
X-Analyser-ECO	CAN analyzer software for Windows, ECONOMY version
CAN-CON/OPN	CANopen configuration and engineering software

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