



IDENTIFICATION



FABMATICS

Automate your success

# CAN-GATEWAY

Simplify CAN integration across your fab



## Key Features

- Connects CAN devices to Ethernet and RS-232 hosts
- Supports up to 40 RFID CAN readers (up to 127 with power injectors)
- Up to 100 W power pass-through to CAN bus devices
- HDMI and USB interfaces for display and input devices

## Benefits

- One device replaces all former CAN2WEB variants
- Reduced space and hardware complexity
- Enables GUI-based CAN applications
- Flexible integration into semiconductor fab environments

The CAN-GATEWAY is a compact, high-performance communication hub that connects our Fabmatics RFID CAN bus readers and compatible CAN devices to a host system via standard SEMI interfaces such as SECS-II.

It replaces all former CAN2WEB variants in one platform. With embedded Linux, web-based configuration, and support for displays and input devices, it enables flexible, future-ready applications while reducing hardware complexity and space requirements.

# Technical Data

Designation	CAN-GATEWAY
Dimensions (width x height x depth)	160 x 37.5 x 70 mm   6.3 x 1.5 x 2.8"
Weight	221 g
Case material	Aluminium
Connectable ID-Readers	Up to 40 depending on power supply and CAN bus length Additional power injectors allow up to 127 readers
Power supply	24 W minimum <sup>1)</sup> external low voltage supply
Voltage supply	24 V/DC ±3 % (plug power supply available)
Power supply connector	DC Plug socket binder 712 2p
Power consumption stand alone	15 W max, 5 W (only Ethernet and idling)
Power consumption with max. number of ID-Readers connected	100 W (with 25 readers connected to the CAN bus)
Fuse	Internal 0.5 A SMT fuse for CAN-GATEWAY 4 A current limiter/short circuit protection for CAN bus
Connectors	1x Power supply (24 V) (binder plug socket, series 712-2p) 1x CAN bus (DSUB9 female) 1x RS-232 (DSUB9 male) 1x Ethernet 10/100 Mbps full duplex (RJ45) 1x USB-A (USB 2.0, max 500 mA) 1x HDMI type A (HDMI 2.1 4k 60 p max)
Operating system	Embedded Linux
Supported host communication protocols	ASCII-H (IRG software), SECS-II/HSMS, SECS-I (RS232)
Operating temperature	0 °C to +40 °C (no condensation)
Storage temperature	-25 °C to +50 °C (no condensation)

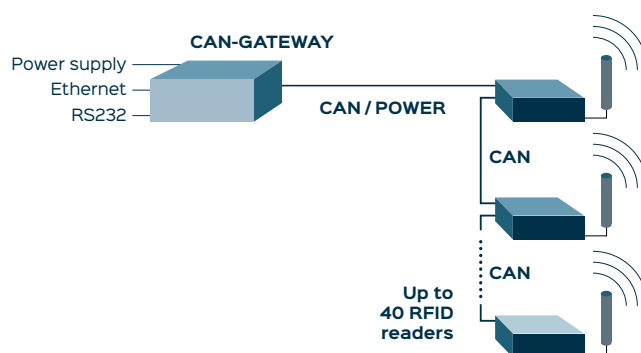
<sup>1)</sup> Make sure that the CAN-GATEWAY is supplied from a separately fused bus bar and that the fuse or circuit protector features a time lag characteristic (trigger time of 0.1 s – 8 s @ 4 A).

## Accessories

Talk to our sales team for compatible accessories.



With optional mounting bracket for flexible installation



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