

CyberCogs CC-SGM100 Secure Gateway

HARDWARE SPECIFICATIONS

• **Dimensions:** 77w x 102d x 25h (mm)

• Power: 6-36VDC

• Communication Ports:

4 CAN FD bus ports

2 USB3.1 port (high speed)

1 OBD II port with:

2 CAN FD

1 ISO 9141 bus

1 SAE J1850 bus

Input/output ports:

8 reprogrammable Analog/Discrete I/O
Analog inputs with 12 bit resolution
Mixed signal input for steering switches
Discrete inputs, programmable thresholds
Discrete outputs:

Low Side drive High Side drive

• Processor: Dual core ARM Cortex M7

• Memory:

4MBytes flash with ECC protection 512KBytes of RAM with ECC protection 1Gbyte of storage (optional)

• Package: ABS black plastic - UL 94 V0

• Temperature range: -40 to 95C

ADDITIONAL FEATURES

- ISO26262, ASIL-A compliant
- USA designed and manufactured
- Integrated HSM
- ChargeAuth pre integrated
- Secure boot
- Secure internal key storage for signing, verification, and encryption in secure module subcomponent

SOFTWARE FEATURES

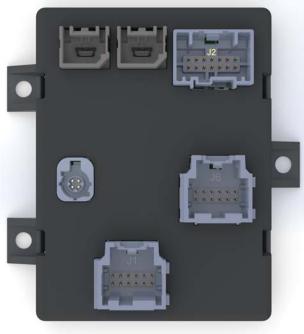
- Adaptable Software with modular design for easy integration, performing all gateway functions
- ISS FlexHSM pre-ported through partnership with ISS
- ISS FlexUpdate pre-ported through partnership with ISS
- ISS DLM Trust for provisioning through partnership with ISS
- Secure communication available through DLM Trust (available through partnership with ISS)
- ISS DLM Update for OTA Updates of any ECU including CyberCogs SGW through partnership with ISS
- ISS AutoAuth ready for CyberCogs SGW
- Software developed to Autosar coding guidelines





CyberCogs CC-SGM100 Depiction







Request a Quote:

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