CAN-PN/2
PROFINET ® IO to CAN Gateway

Feature rich and trusted Communication Gateway
- *Designed for Classical CAN (2.0A/B) with up to 1 Mbit/s*
- *Evolution of the proven CAN-PN*

Easy-to-configure Communication between PROFINET and CAN
- *Supports up to 512 statically configured CAN frames*
- *Unlimited number of freely configurable CAN frames with Record Data Objects*
- *Reliable data transmission even with high CAN bus load*

Reliable Communication with extended Features for Diagnosis and Debugging
- *User-friendly analysis of the CAN bus via USB interface*
- *CAN bus monitoring with our free Windows® GUI tool (CANreal)*
- *LEDs for an easy reading of the PROFINET and CAN status*

Linking PROFINET IO and CAN
The CAN-PN/2 links any PROFINET IO controller to CAN networks.
The gateway operates as a PROFINET IO device with a maximum of 1440 bytes input data and 1440 bytes output data on the PROFINET bus.

Applications
The CAN-PN/2 connects CAN devices with applications to e.g. a SIMATIC-S7 or other PLCs.
Up to 512 static CAN send or receive frames can be handled. In addition, Record Data Objects can be used to send and receive an unlimited number of dynamic CAN frames. The transmission can be configured cyclically or triggered.
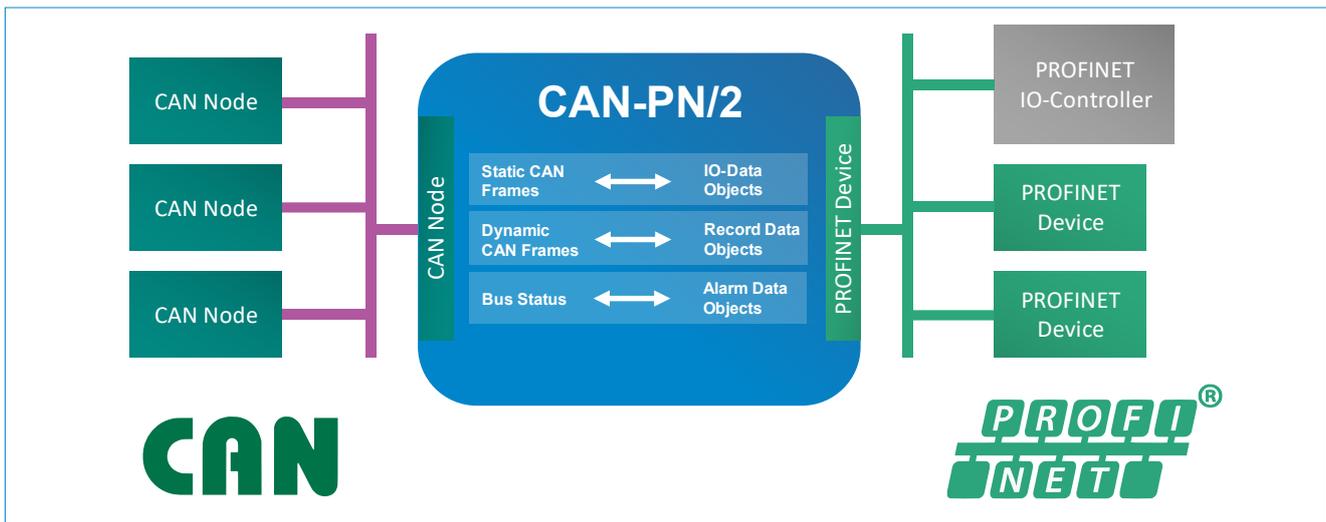
Advanced Debugging
A live view of the CAN bus on a Windows PC is possible via the integrated USB interface. This allows configuration errors to be found easily and quickly.

Easy Configuration
The configuration is done directly via the configuration tool of the PLC.

Customization on Request
Customized options can be provided for your specific requirements. Please contact our sales team for detailed information.

Technical Specifications:

CPU System:

CPU System:	
CPU	Sitara™ AM4377, 1 GHz
Memory	512 MB SDRAM
Interfaces	
CAN:	ISO 11898-1, integrated in CPU
PROFINET IO:	2x RJ45, 100BASE-TX, 100 Mbit/s, IEEE 802.3, electrically isolated, integrated in CPU
General:	
Power supply voltage	24 V ± 5%; I_{typ} = 120 mA
Ambient temperature	0 °C … +55 °C
Relative humidity	Max. 90 % (non-condensing)
Dimensions	22.5 mm x 99 mm x 114.5 mm
Connectors	CAN: 5-pin open style 3.81 (CiA 303-1) PN: 2x RJ45 Power: 4-pin PCB connector open style 5.0 pitch or InRailBus
Weight	130 g

Order Information:

Hardware		Order No.
CAN-PN/2	PROFINET IO-CAN Gateway Gateway for DIN rail mounting to connect CAN and PROFINET. CAN bus monitoring software included	C.2924.02
Accessories		
CAN-Cable-S, 0.3 m	CAN cable, length 0.3 m, 1x DSUB9 socket and 3 wire end sleeves, performance level 3, metallized plastic housing	C.1323.04
Related Products		
CAN-PN/2-FD	PROFINET IO-CAN FD Gateway Gateway for DIN rail mounting to connect CAN FD and PROFINET. CAN bus monitoring software included	C.2924.62
CANopen-PN/2	CANopen to PROFINET-IO-Device Gateway	C.2931.02