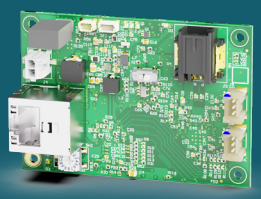
FERRY BOARD

ETHERNET CONVERTER

The Hellbender Ferry board converts between standard (BASE-TX & BASE-T) and automotive (BASE-T1) Ethernet at 1 Gb/s or 100 Mb/s. It accepts a wide voltage range, and is configurable via CAN and I2C, simplifying integration of rugged automotive components into advanced autonomy stacks.



SPECIFICATIONS

Dimensions	77mm x 53.5mm
Power Input	10 - 65 VDC
Compute	STM32 Microcontroller
Networking	1x 100BASE-TX or 1000BASE-T 1x 100BASE-T1 or 1000BASE-T1
Communications	2x CAN 1x I2C (Qwiic Connect)
Mechanical Interface	4x M2.5 Mounting Holes
Environment	Recommended operating temperature -30 to 60°C
Configuration	Network speed configurable via CAN CAN ID configurable via rotary switch