DELTA BOARD

POE SWITCH AND POWER SUPPLY

The Hellbender Delta combines high-capacity layer 2 managed networking with power regulation and distribution to enable frictionless integration of time-synchronized sensors. With 75 Gb/s of switching capacity, PoE+ and 7 regulated power outputs, Delta simplifies everything from system architecture designs to development and manufacturing at scale.



SPECIFICATIONS

Dimensions	218mm x 165mm
Power Input	10 - 36 VDC (15A max)
Power Output	2x 12V (Regulated, switched, and current protected; 2.3A max) 5x 24V (Regulated, switched, and current protected; 3 @ 1.1A max, 2 @ 2.2A max) 3x PoE+ (see Networking)
Compute	STM32 Microcontroller
Networking	1x 10GbE 1x 10GbE PoE+ 2x 2.5GbE PoE+ 5x 2.5GbE
Communications	1x CAN 1x I2C 1x PPS Input
Mechanical Interface	13x M2.5 Mounting Holes
Accessories	Environmental Sensor (BME280)
Environment	Recommended operating temperature -30 to 60°C
Configuration	VLAN and PTP configurable via REST API