



## Portable Avionic Solutions

### Battery Powered Option provides up to 4 hours of operation for Mobile Applications

ÆSyBus stand-alone Gigabit Ethernet Interface products to Aerospace Data Buses are now available with a rechargeable battery option for mobile applications. Supported Data Buses include: ARINC 429, Mil. Std. 1553 and ARINC 664/AFDX®). Depending on the application and age of battery, up to 4 hours

of continuous operation can be achieved, before recharging. Even when the battery is totally discharged, operation can continue by connecting the battery charger, subject to the availability of a 100-240 V AC power source.

#### Power CONSUMPTION\*

Data Bus	Condition	Power Consumption	Operation Time
ARINC 429	2 Transmit and 4 Receive	3.46 W	4.0 hr
Mil.Std.1553	Dual Redundant	3.70 W	3.74 hr
AFDX Gateway	Dual Redundant	3.40 W	3.40 hr

\* Disclaimer: Operation time depends on load and age of battery.

#### Status Warning Signals

Signal	Condition
Green LED	Continuous illumination for 3 to 4 hours from full charge
Orange LED	Glows for 20 to 30 minutes after the Green LED ceases illumination
Red LED	Glows for 6 to 12 minutes to indicate that battery power is nearly exhausted
Piezoelectric Buzzer	Sounds a warning to indicate that the battery power is exhausted

#### Specification: CHARGER

Rated voltage input range	100 – 240 V (AC Input) 30 W
Rated AC frequency range	50 - 60 Hz
Output	7.4 V DC / 0.8 A
Charge time	3h

#### Specification: BATTERY

Battery	Li-Ion battery 2-cell, 2200 mAh, 16 Wh
Runtime	3.5 h to 4 h depending on usage and module functions
Battery notes	Disclaimer: Battery life may vary depending on product model, configuration, applications, power management settings and features utilised. Battery recharge time depends on usage.
Declaration of Conformity	ISO/IEC 17050-1
International transport regulations	IATA Special Provision A45; ADR Special Provision 188; IMO/IMDG Special Provision 188; DOT / 49 CFR Provision 173.185