

LITESYNC



2 PoE
gigabit

150 Watt
max load

9.KEY port
mapping

GPS Cambium
Sync

AUX Sync
port



9dot
Smart solutions for new energy systems

Gigabit 2 Ports PoE Injector with Cambium Sync

High Power Gigabit PoE Injector

2 Gigabit Power over Ethernet ports, up to 3A (150W @ 50V) load on each port.

Cambium Sync

LiteSync injects the Cambium Sync pulse and it's compatible with Cambium Core connected device such as 450m and 450i.

Integrated GPS and Sync-IN port

Sync pulse can be generated by the integrated GPS or acquired by an external sync source (GigaSync, CMM5, UGPS).

Multi PoE port mapping 9.KEY

Compatible with every kind of PoE device. Pinout is defined by hardware key.

Short Circuit and Surge Protection

Devices connected are protected against short circuits, electrostatic surge and electric shocks. The combination of different types of dischargers maximizes efficiency and reduces action time.

Galvanic isolation

Galvanic isolation protects circuits and people against surge between input side and output side. This results in the best protection for your devices and for you.

Half Unit Rack Mount

LiteSync is 1U high, it can be installed in a rack using the half unit flange or in pair with another Lite Sync.



Core Injectors

Electrical Specifications

Operating Voltage	24 - 60 Volts DC
Max Current	3 A per port
Power Connector	1.5 mm ² wires terminal blocks
Ethernet Connectors	2 x Shielded RJ45 Jacks (LAN / PoE + Data)
GND Connector	4 mm lug
PoE Mode	9.KEY selectable (A+B reverse polarity, A+B, B, B reverse polarity)
Transmission Speeds	10BaseT; 100BaseT; 1000BaseT
Load Indicator	Visual indication of load (green: <50%, yellow: 50%-75%, red: >50%)
Active Protection	Short Circuit Protection, Overvoltage control, Overload control
Synchronization Method	Cambium Sync

SPD Specifications

Spark Over Voltage	90 Volts
Peak Surge Current	15kA
Modes of Protection	All Lines (1-8) Protected (L-L) and (L-G)
SPD Technology	2 stages: TVS, GDT

Environmental

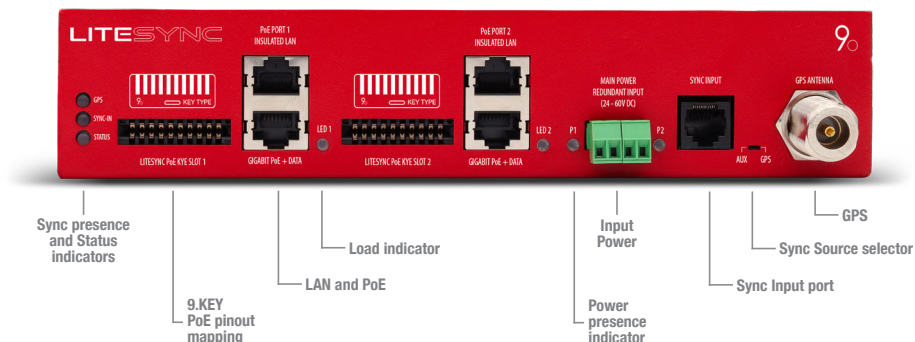
Operating Temperature	-40°C to +80°C
Humidity	0 - 95% non condensing

Mechanical Specifications

Dimensions (LxWxD)	190 x 140 x 45 mm
Weight	75g
Enclosure Material	Varnished Iron

TERMS OF USE: This device must be professionally installed. Shielded ethernet cable and earth grounding must be used as conditions of product warranty. All specifications in this document are subject to change without notice.

For further information please visit www.9dot.it.



Compliance

Safety	EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013
EMC	EN 55032, EN 55024
Rohs Compliant	Yes

