

LITESYNC



2 PoE
gigabit

150 Watt
max load

9.KEY Ports
mapping

GPS Cambium
sync

AUX Sync
port

2 Port Gigabit PoE Injector with Cambium Sync

High Power Gigabit PoE Injector

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

Cambium Sync

LiteSync injects Cambium Sync pulse and is compatible with Cambium Core connected devices such as 450m and 450i.

Integrated GPS and Sync-IN port

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

Multi PoE 9.KEY Port Mapping

Compatible with all types of PoE devices. The pinout is defined by the hardware key.

Short circuit and overvoltage protection

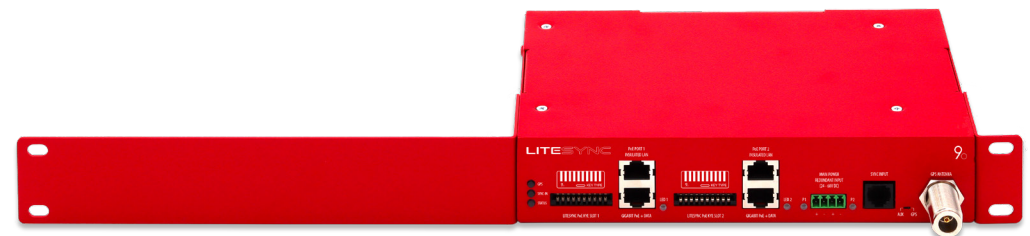
Connected devices are protected against short circuits, electrostatic surges and electric shocks. The combination of different types of arresters maximizes efficiency and reduces the action time.

Galvanic isolation

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

Half unit rack mount

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



Sync Injectors

Electrical Specifications

Operating voltage	24 - 60 Volts DC
Max current	3 A per port
Power connector	1.5 mm ² wire terminal blocks
Ethernet Connectors	2 x Shielded RJ45 Jacks (LAN / PoE + data)
GND Connectors	4 mm
PoE mode	9.KEY selectable (reverse polarity A + B, reverse polarity A + B, B, B)
Transmission speed	10BaseT; 100BaseT; 1000BaseT
Charge indicator	Visual indication of the load (green: <50%, yellow: 50% -75%, red:> 50%)
Active protection	Short circuit protection, over voltage control, overload control
Synchro method	Cambium Sync

SPD Specifications

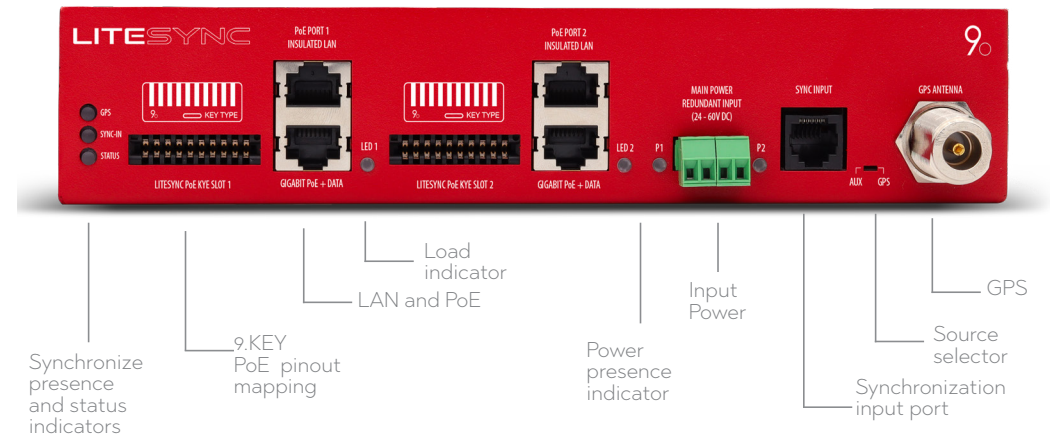
Overvoltage spark	90 Volts
Peak current	15kA
Protection mode	All lines (1-8) protected (L-L) and (L-G)
SPD Technology	2 stages: TVS, GDT

Environmental

Operating temperature	-40°C to +80°C
Humidity	0 - 95% no condensation

Mechanical Specifications

Dimensions (LxWxD)	190 x 140 x 45 mm
Weight	75gr
Material	Varnished iron



Compliance & Warranty

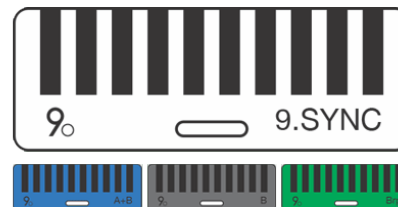
Security	EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013
EMC	EN 55032, EN 55024
RoHS compliance	Yes
Certifications	CE -FCC
Warranty	1 year from date of purchase



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.



GIGA KEY **GS - K**



Part Number	GS-K-9.S	GS-K-AB	GS-K-B	GS-K-BR
Name on KEY	SYNC	A+B	B	Brp
PoE Mode	A + B reverse pol.	A+B	B	B reverse polarity
1,2 wires	DC +	DC +		
3,6 wires	DC –	DC –		
4,5 wires	DC –	DC +	DC +	DC –
7,8 wires	DC +	DC –	DC –	DC +
Cambium 450m	•			
Cambium 450i	•	•		
Cambium 450				•
IEEE 802.3af/at		•		
10/100Base-T PoE			•	
1000Base-T PoE	•	•		
Intracom / Siae	•	•		
Mikrotik/Ubiquiti		•	•	
Ceragon		•		

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