Surge Protector Injector 8INJ

PoE Gigabit Injector



GIGAKEY Ports mapping

2 Stages tvs - gdt

SPI Surge protector

LAN Galvanic isolated

15 kA peak surge current

8INJ is a Gigabit PoE injector with 8 Rack mount ports

8INJ is a Power over Ethernet injector with integrated surge protection device belonging to the Smart Power Module System family: a simple system designed to power up to 8 Power over Ethernet devices where Plug n 'Play assembly is required. Each PoE port works independently and ensures the highest level of reliability and security.

Ports features

16 x RJ 45 shielded (8 x data in, 8 x PoE + data).
8 x DC input terminal blocks.

Multi PoE GigaKey Port Mapping

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

Galvanic isolation

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

Smart Power Module System

Electrical Specifications

Operating Voltage	10 to 60 Volts DC
Typ current	3A per door (with A + B or 9.S Key), 1.5A per door (with B or B reverse Key)
Power connectors	8 terminal cables 2 x 3.3 mm²
Ethernet Connectors	16x shielded RJ45 jack (8x LAN, 8x PoE+DATA)
BUS Connectors	No
Transmission Speeds	10BaseT; 100BaseT; 1000BaseT
POE mode	PoE output mapping selectable via GigaKey
Indicators	3 green LEDs per port (input voltage, port identifier, GigaKey inserted)
Active protection	Reverse polarity protection at the input terminals

SPD Specifications

Spark over voltage	150 Volt
Peak Surge Current	15kA
Modes of Protection	All lines (1-8) Protected (L-L) and (L-G)
SPD Technology	2 stages: TVS, GDT

Environmental Specifications

Operating Temperature	-20 °C to +55 °C
Humidity	5 - 95% non-condensing

Mechanical Specifications

Dimensions (LxPxH)	105x445x45 mm
Weight	2kg
Material	Varnished Iron

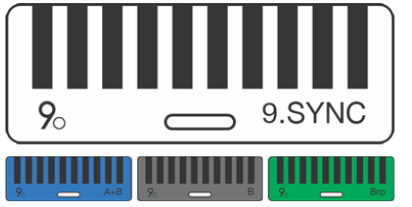
Compliance & Warranty

RoHS compliance	Yes
Certifications	CE and FCC
Warranty	consult with the nearest distributor



TERMS OF USE: This device must be professionally installed. Shielded ethernet cable and earth grounding must be used as condition of product warranty. All specifications in this document are subject to change without notice. For further information please visit www.9dot.it

GIGAKEY GS - K



PART NUMBER	GS-K-9.S	GS-K-AB	GS-K-B	GS-K-BR
Name on KEY	9.SYNC	A+B	B	Brp
PoE Mode	A + B reverse pol.	A+B	B	B reverse pol.
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		•		

**These are just some of the devices that can work with GigaSync. The list is very long, if you want to know if your equipment can connect to GigaSync, do not hesitate to contact us*

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