

# Trigger Distribution Box TRG-8S

- Applied to signal synchronization acquisition;
- Anti-Shock>100g, best for vehicle crash tests;
- 2chs trigger input and 8chs trigger output;
- Built-in battery and charging management;
- Battery On, Remaining Capacity and Status LED indicator;
- All input and output are isolated and ESD protection.



Trigger distributor box TRG-8S is mainly designed for vehicle crash test. It can also be used for multi-devices synchronous trigger during tests. The trigger input is usually connected to a ribbon switch or a photoelectric switch. Trigger outputs can connect with data acquisition, airbag squib device, cameras, etc. All channels are optically isolated. And built-in battery is with UPS function.

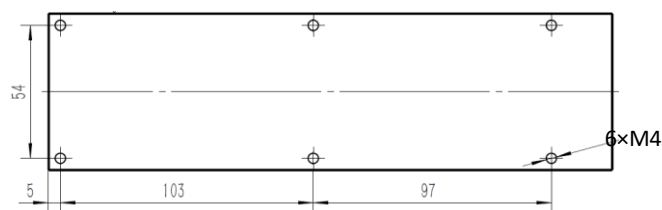
## Specification (25℃):

Name	Unit	Value
Trigger input	Channels	2
Input type	Switch (TTL optional)	
Trigger out	Channels	8
Output type	Switch (TTL optional)	
Output driver	mA	50
Load voltage range	V	1.5~36
Consumption	W	<5
Power voltage	V	12
Battery work time	hours	>30
Battery capacity	mAh	3400@12V
Trigger delay	μs	<50
Input connector	LEMO	FGG.1B.305
Output connector	LEMO	FGG.1B.302
Indicator	LED	Capacity
Indicator	LED	Trigger out
Mounting	/	6×M4
Material	/	Al. Alloy
Weight	grams	525
Dimension	mm	230×64×43

Trigger input and output cables are optional.

The power adapter is included.

## Dimension:



## Connector Pin Assignment:

### Trigger Input (LEMO EGG.1B.305)

Pin 1	Trigger Input+
Pin 2	Trigger Input-
Pin3~Pin5	Do Not Use

### Trigger Output (LEMO EGG.1B.302)

Pin 1	Switch Output+
Pin 2	Switch Output-

## Trigger Output reference diagram:

