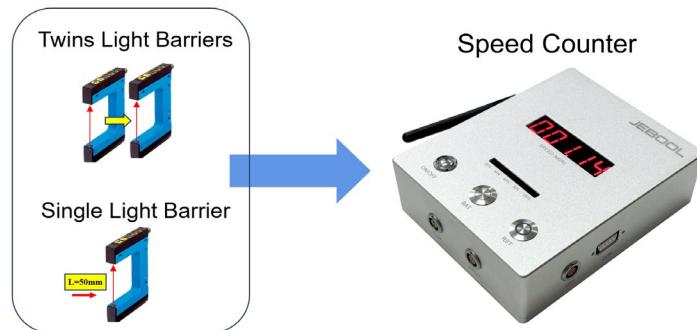


# Speed Measurement Device SPS-FLEX

- Applied to speed measurement of various moving objects;
- Single or Twins light barrier mode optional;
- High precision and fast speed counter;
- 5-digit digital display;
- Customizable range and resolution;
- Wireless reset and trigger output function;
- WiFi and Ethernet communication;
- Built-in rechargeable battery.



The SPS-FLEX speed measurement system employs a high-precision counter and integrates with high-speed light barrier to achieve versatile speed measurement applications. The light barrier can be configured based on application requirements: either a single barrier to fix the detected object length or two barriers to fix the barrier spacing. The controller (Speed Counter) is preconfigured with parameters before delivery. The system enters standby (ARM) mode after running. The results are displayed instantly after the object passes the barrier.

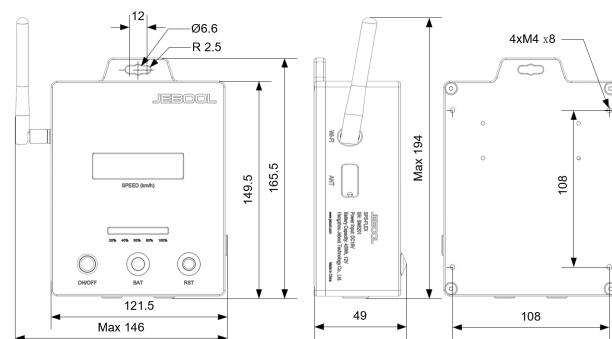
## Specification:

Name	Unit	Value
Meas. Range	km/h	99.999 or 120.00
Accuracy (Typical)		$\pm 0.07\text{km/h}$ @ $<50\text{km/h}$ $\pm 0.15\text{km/h}$ @ $50\text{~}100\text{km/h}$
Result Display	/	LED
Power	V	9~18
Battery Work	hours	>8
Consumption	W	<50
Meas. Length	mm	as requirement
Height space	mm	as requirement
Button Switch	wireless	Reset
Communication		Ethernet & WiFi
Trigger Out	Switch	TRG1, TRG2

## LED status indication:

----	Waiting for Meas.
.....	Sensor Pos. Error
HHHHH	Out of Range
Value	Test Result
No Display	Power Error

## Dimension:



1. Two sensing detector line should be parallel with object moving direction;
2. Including power adapter AC100~250/DC
3. Software is supplied. Measurement results and history is displayed.

