JEBOOL

Speed Measurement Device SPS-U

- Applied to car speed measurement during crash test;
- Al. Alloy frame structure, free-install and easy moving;
- UPS Battery Inside;
- Measurement ranges up to 120km/h;
- Measurement reset by wireless button;
- Trigger out and timer clock calibration interface;
- Ethernet and Wi-Fi communication.

The U-shaped speed measurement system adopts high-speed sensors and is installed in two sets of opposite beams. The speed is calculated by detecting the time difference of the object passing through the two sets of laser sensors. It enters the ARM state after starting. When the object enters the sensing position, the measurement is triggered, and the speed result is displayed immediately after passing.

Specification:

Name	Unit	Value	
Meas. Range	km/h	120	
Resolution	Km/h	0.01	
Accuracy	±0.07 km/h @ <50km/h		
	\pm 0.1km/h @ 50~80km/h		
	\pm 0.15 km/h @ 80~120km/h		
Result Display	/	LED	
Power	V	9~18	
Battery Work	hours	>8	
Consumption	W	<50	
Meas. Length	mm	300	
Hight space	mm	300~1000	
Opera. Temp.	°C	0~60	
Button Switch	wireless	Reset	
Communication	Ethernet & Wi-Fi		
Trigger Out	Switch	TRG1, TRG2	
Install	/	No need	
Material	/	Al. Alloy	
Weight	kg	<25	
Dimension	mm	1000*400*400	

LED status indication:

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

Note:

- Two sensing detector line should be parallel with object moving direction;
- 2. UPS battery is only for emergency;
- 3. AC100V~250V to 18V Power Adapter;
- 4. Software is supplied.

Main V	/iew	Setting			
Speed Status		Signal 🌑	Connect	History 8.773km/h(2.437m/s) 8.267km/h(2.296m/s)	
		Error Exceed	ARM	9.274km/h(2.576m/s)	
				Exit	
V:	0	.00	km/h		Jebool Technology
		0	m/s		JEBOOL

Hangzhou Jebool Technology Co., Ltd. Tel: +86-571-88665293; Email: info@jebool.com. Address: Room 101, 1st Floor Building 2, No. 503 Xingguo Road, Donghu Street, Linping District, Hangzhou 311100, China.