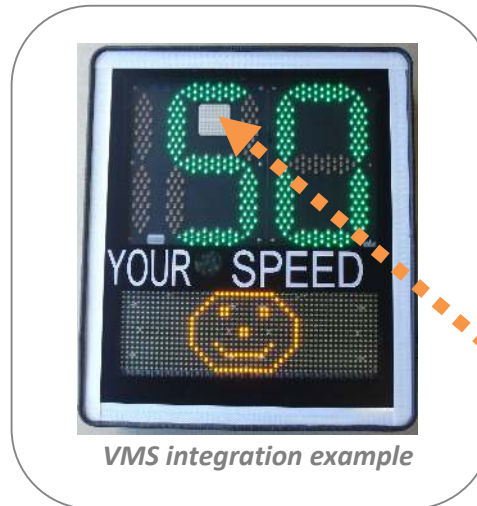


📶 The **IcomSpeed** range includes **three** OEM radars designed to meet all different applications requested by the VMS market.

Due to its flatness the unit can easily be integrated into your product, such as a speed display panel or a VMS (Variable Message Sign).

It can also be used to trigger more complex system as camera.



**The assets**

- ✓ **Low power** consumption for solar powered VMS
- ✓ **Reliable**: thousands of units deployed worldwide
- ✓ **Same protocol** for the 3 models

📶 Why choosing an **ICOM SPEED?**

**COMFORT**

- No maintenance
- 3 outputs: 2 contacts (open drains) and 1 RS232 interface
- Multiple settings available

**OUTPUTS**

- Speed
- Vehicles direction
- Counting\*
- Detection distance information\*

*\*according to the model selected*

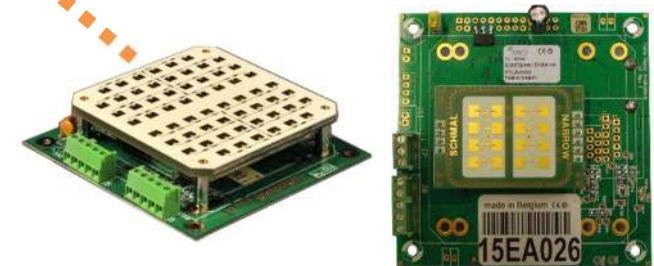
**COUNTING ACCURACY :**

- 2 lanes approaching road;
- Reality (video): 771 vehicles;
- Icomspeed counting: 740 vehicles

**ACCURACY: 96%**

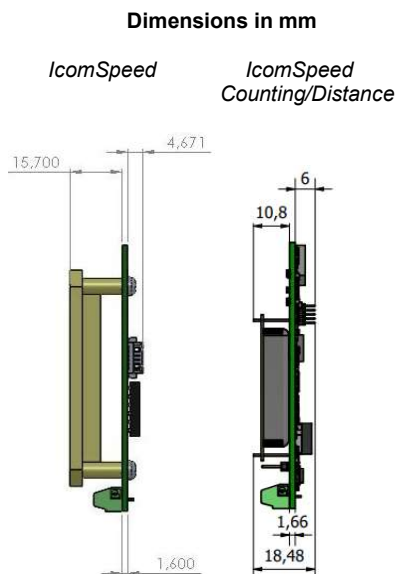
**SETTINGS**

- Measurement unit: mph or km/h
- For each contact: speed range, direction (approaching, receding or bidirectional) and flashing option (pulse, duration, repetition)
- Speed of communication with serial port (9600 to 57600 bps)
- Time gap between two measures
- Etc.



IcomSpeed

IcomSpeed-Counting  
IcomSpeed-Distance



	ICOMSPEED	ICOMSPEED-COUNTING	ICOMSPEED-DISTANCE
Speed output	✓	✓	✓
Counting output		✓	✓
Distance measurement output			✓
Detection range	Adjustable - Max. range: 120 m for light vehicles 250 for heavy vehicles	Adjustable - Max. range: 90 m for light/heavy vehicles (depends on target reflectivity, installation conditions and cover)	
Detected speed range	From 5 to 300 km/h		
Detection direction	Approaching, receding or bidirectional		
Dimensions	80 x 80 x 20,3 mm	80 x 80 x 18,5 mm	
Weight	100 g	90 g	
Operating temperatures	From -20°C to + 75°C		
Power supply	5,5-18 V DC	12-20 V DC	12-20 V DC
Power consumption	Starting at 8 mA at 12 V DC !	Starting at 52 mA at 12 V DC	
Frequency	K-band: 24.125 Ghz	K-band: 24.150-24.250 Ghz	
Transmission power	< 5 mW	< 5 mW	< 5 mW
User output	- RS232 interface - 2 open drains, max. 90 mA/45 V, fuse protected		
Antenna	12° x 24°	38° x 45°	
Speed Accuracy	Speed: 98 %		
Counting accuracy	n.a.	Up to 96 %	Up to 96 %
Distance accuracy	n.a.	n.a.	+/- 2 meters
Baud rate	9600 to 57600 bps		
Protocol	Test menus or "machine to machine"		

**STANDARDS**

Electromagnetic compatibility and electrical safety: the IcomSpeed complies with the essential requirements and other relevant provisions of the R&TTE Directive 2014/53/EC, and with Part 15 of the Federal Communications Commission (FCC)



Log  
 V1.4 – CBE – 14/03/16 – assets and drawing 80mm  
 V1.5 – CBA – 09/03/18 – address – R&TTE nr/FCC  
 V2 – CBA – 23/07/19 – design ICS counting/distance, standardization with user's guide/Counting accuracy

Specifications subject to change without prior notice.