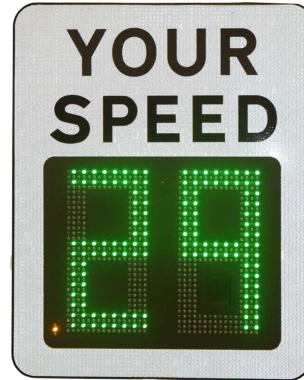


Tri-Colour Speed Indication Device (SID)



The TWM Tri-Colour LED (SID) is certified to EN12966-2014 with optional SLOW DOWN/THANK YOU or Sad/Smiley face safety messages. Designed by our team of experts and developed to effectively reduce average speeds on transport networks.

Utilising modern manufacturing methods and our proven radar technology, this interactive sign from TWM will display the real-time speed of oncoming vehicles in three colours we should all recognise on the roads. In accordance with the speed they are traveling and depending on the model chosen, the optional accompanying safety displays will also be shown.

What you will see:

If the approaching vehicle is detected above the adjustable speed limit threshold, the sign will display the real time speed in **red LEDs** and the safety message SLOW DOWN/sad face.*

If the approaching vehicle is detected at 1MPH +/- of the adjustable Speed limit threshold, the sign will display the real time speed in **orange LEDs** and the safety message THANK YOU/happy face.*

If the approaching vehicle is detected below the adjustable Speed limit threshold, the sign will display the real time speed in **green LEDs** and safety message THANK YOU/happy face*.

Key Features:

- ✓ EN12966-2014 compliant
- ✓ Red/Orange/Green speed display
- ✓ 230V or 12V
- ✓ Solar, interrupted supply or mains power
- ✓ IP 56
- ✓ Data recording radar*
- ✓ Multi-stage dimming
- ✓ Safety message or face image*
- ✓ Optional data collection
- ✓ Fully enclosed anti-vandal unit
- ✓ Low maintenance
- ✓ High performance LED output
- ✓ Lightweight robust aluminum casing
- ✓ Easy installation using channel rail
- ✓ Remote data retrieval*

*Optional Features

Electrical data

Input Voltage	230Vac or 12Vdc or 24Vdc
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Model	FPK-222
Type	CW Doppler
Operating Frequency	K-Band (24 GHz)
Power Usage @ 4Hz	170mW
Beam Angle	32 degrees by 30 degrees
Detection Range	Up to 200 meters
Operating Speed	1 Mph – 150 Mph
Communications	USB and Either RS232 or RS485**

LEDs

** TWM EasyConnect control uses the radar RS232 connector

Brand	Cree 5mm Round LED
Viewing Angle	30 degrees
Lens	Individual 5mm Polycarbonate
Colour	RED (C2) Orange (C2) Green (C2)
Life Span	Over 50,000 hours

Sign Face

Reflective	White Class ref 2 with Black "YOUR SPEED"
Speed Display	308mm High, Tri-Colour (Red, Orange, Green) 7 Segment

Mechanical data

Dimensions	806mm x 644mm x 80mm
Continuous/Discontinuous	Discontinuous
Enclosure	Enclosure
Finish	Powder Coated
Operating Temp	-15°C to + 60°C
Protection Degree	IP56
Impact Resistance	CCM
Vibration	CCM
Certification	EN 12966:2014 CE Approved

Easy connect controller

Communications	LAN (RJ45) connection Wi-Fi 2.4GHz
Processor Specifications	BCM2837, 1GB RAM
Storage	32GB
Software	Browser based user interface



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