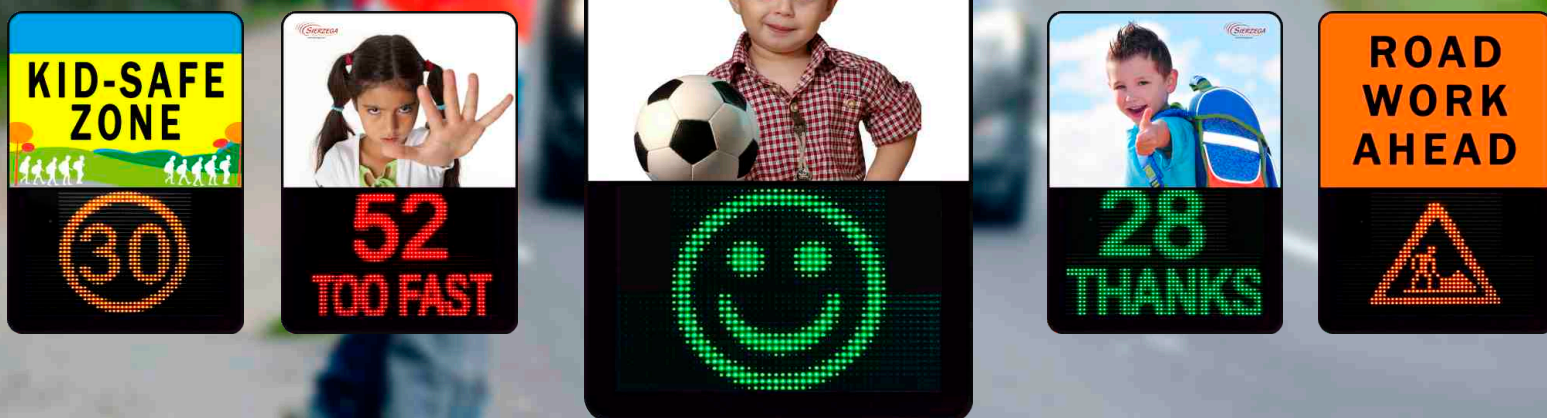# Speedpacer 4568FC

SPEED DISPLAYS
TRAFFIC DETECTION
Radar. Detection. Software.

Features

- Dot matrix display in XXL size! For speed values and smileys in **45 cm diameter!**
- Displays speed and pictures in **RED, YELLOW, GREEN, BLUE,** WHITE and many more colours.
- Adjustable: Flashes if speed threshold is exceeded
- Individual bitmaps can be uploaded such as text messages, smiling/frowning faces, speed limits, logos or any other symbols
- Adjustable minimum/maximum speed threshold
- Time controlled activation
- Automatic brightness regulation
- High contrast due to unique display construction
- Large front plate for custom, digitally printed designs
- Robust Lexan front window with anti-glare coating
- Data collection for more than 200.000 records
- Bluetooth for display configuration
- Measurement of the supply voltage
- Deep discharge protection for batteries
- Easy one-man installation
- User friendly control software for Android and Windows
- **Unique value for money**

Highlights

It is a fact that radar-driven speed displays slow down traffic permanently.

This positive effect can be attributed to the display's ability to alert drivers with responsive messages wherever the device is deployed (school zones, Kindergarten, zebra crossings or on busy roads in residential areas).

The Speedpacer 4568FC is a large dot-matrix display that suits perfectly for showing speeds driven as well as individual images and text messages. The device can be adapted to any requirements: Customized front plate designs as well as custom images, that can be created within minutes.

The speed display shows speed and time triggered images (such as smileys) and short text messages. As an example the device is able to show different images during school time and the rest of the day.

All these features are put into a compact and extremely smart powder coated aluminium enclosure.

Electrical Data

Input Voltage	12V
Power Consumption	Low Power Design!
Standby (Radar on, LEDs off)	< 0,2W (!)
Display active (speed value)	6W
Peak (all LEDs active)	30W

Radar Sensor

Operating Frequency	K-Band (24 GHz)
Transmitting Power	5 mW
Certification	FCC, IC, CE approved
Operating Speed	2 ... 199 km/h or 2 .. 150 mph
Detection Range	min. 100 m, avg. 200 m Truck avg. 300 m
Accuracy	± 3 %

LEDs

Brand	High-Performance Osram LEDs „Black Series"
Life Span	Long Lifetime and Reliability
Radiation Angle	30° Lense
Viewing Angle	> 120°

Display

Resolution	32 x 48 Pixel
Pixel Grid	14 mm
Display Area	47 x 69 cm
Reading Distance	approx. 250 m
Readability	Unique contrast due to Special Design
Update Rate	approx. 1 sec, adjustable
Brightness Regulation	Automatically
Bitmap Memory	250 Pictures

Mechanical Data

Dimensions	116 x 84 x 4 cm
Weight	17 kg
Enclosure	Powder Coated Aluminium
Front Plate Sheeting	Customized Digital Print, Highly Reflective yellow or black with red/white border
Protection Degree	IP67
Front Window	Lexan, Anti-Glare Coated
Operating Temperature	-25°C to 60°C

Scope of Delivery

- Speed Display Speedpacer 4568FC
- Software: BT-Comm/GRS/Android App
- Pole Brackets (60 or 76 mm)
- Power supply Cable 12V
- Optional: Variable Pole Clamps
- Optional: Batteries and Solar Power Supply
- Optional: Remote Control Unit RC1

Sierzega is TÜV Austria EN ISO 9001 certified.
The company develops, produces and delivers high-performance radar systems like radar controlled LED displays and traffic detection systems.

SIERZEGA
detects traffic!
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