

Speedpacer 4568SQ



SPEED DISPLAYS TRAFFIC DETECTION

Radar. Detection. Software.

Features

Dot matrix display in XXL size! For speed values and smileys in **45 cm diameter!**

On request single colour or yellow/red dual colour*

Displays speed, pictures and text messages

Selectable: 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

Selectable: Minimum and maximum speed threshold

Time controlled activation

Automatic brightness regulation

High contrast due to unique display construction

Robust front window with anti-glare coating

Data collection for more than 400,000 speed records

Bluetooth for display setup and data downloads

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

Besides, the 4568SQ offers speed and time triggered bitmaps (such as smileys) and short text messages. As an example the unit is able to show different pictures during school time and the rest of the day.

All these features are put into a compact enclosure that is made of powder coated aluminium.

*) Option yellow/red:

The 8 bottom pixel rows are single colour (for text messages)



Android is a trademark of Google Inc., Windows is a trademark of Microsoft Inc.
Bluetooth is a trademark of Bluetooth SIG

SIERZEGA
detects traffic!
www.sierzega.com

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, typ. 200m Truck typ. 300 m
Accuracy	± 3 %

LEDs

Brand	High-Performance Osram LEDs
Colour	Yellow 590 nm
Life Span	Long Lifetime and Reliability
Main Radiation Angle	30° Lense
Viewing Angle	> 120°

Display

Resolution	32x48 Pixel, with 16x32 Pixel in the Top Half 16x48 Pixel in Bottom Half
Pixel Grid	14 mm in Unicolour Edition, 20 mm in Dualcolour Edition
Display Area	45 x 68 cm (eg Smiley is 45cm large!)
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	84 x 84 x 4 cm
Weight	approx. 15 kg
Enclosure	Powder Coated Aluminium
Front Plate Sheeting	Highly reflective white or black with red/white border
Protection Degree	IP67
Front Window	Makrolon, Anti-Glare Coated
Ambient Temperature	-25 to 60°C

Scope of Delivery

Speed Display Speedpacer 4568SQ

Control Software BT-Comm, Analysing Software GRS

Pole Brackets (60 or 76mm)

Power Supply Cable 12V

Optional: Variable Pole Clamps

Optional: Batteries and Solar Power Supply



© 2013-04 Sierzega Elektronik GmbH. All rights reserved. Specifications included in this datasheet are subject to change without notice.