



## Electrical Data

<b>Input Voltage</b>	12V
<b>Power Consumption</b>	Low Power Design!
<b>Standby (Radar on, LEDs off)</b>	< 0,1W (!)
<b>Display active (speed value)</b>	< 1W
<b>Peak (all LEDs active)</b>	4W

## Radar Sensor

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

## LEDs

<b>Brand</b>	Osram LEDs Black Series
<b>Color</b>	Yellow 590 nm Red, Green, mixed yellow
<b>Life Span</b>	Long Lifetime, Reliability
<b>Radiation/Viewing Angle</b>	30° Lense, > 120°

## Display

<b>Pixel Grid</b>	10 mm (GR33S) 20 mm (GR33C)
<b>Digit Size</b>	30 cm
<b>Reading Distance</b>	approx. 150 m
<b>Readability</b>	Unique contrast due to Special Design
<b>Update Rate</b>	approx. 1 sec, adjustable
<b>Brightness Regulation</b>	Automatically
<b>Data Collection</b>	up to 1,6 Mio records

## Mechanical Data

<b>Dimensions</b>	75 x 62 x 4 cm
<b>Weight</b>	9 kg
<b>Enclosure</b>	Aluminium
<b>Front Plate Sheeting</b>	Highly Reflective, White
<b>Protection Degree</b>	IP67
<b>Front Window</b>	Lexan, Anti-Glare Coating
<b>Ambient Temperature</b>	-25°C to 60°C

## Scope of Delivery

- Speed Display GR36
- Software: GRS online/Android App
- Pole Brackets (60 or 76 mm)
- Power supply Cable 12V
- Optional: Variable Pole Clamps
- Optional: Batteries and Solar Power Supply

