SDR Unique Product Offering

SDR *traffic*
Binning of traffic in two classes car/truck.

SDR *traffic +*
Binning of traffic in 4+ classes, overhead installation available.

SDR *bike*
Directional count of bicycles on bicycles pathes.

SDR *bike +*
Detection of bicycles and other vehicles in one driving direction.

> ▶ SDR Stealth
> The SDR can be used for neighborhood speed compliance studies!

Functions

▶ **Free selectable vehicle class bins**
Vehicle classes individually configurable through WebReporter

▶ **Measurement by Direction**
Select recording in a single direction or two opposing directions

▶ **Per vehicle data**
Record of date, time, speed, length and direction per vehicle

▶ **Accurate length resolution**
Length detection in 1 ft (30 cm) resolution, thus many vehicle classes specifiable

▶ **Accurate speed resolution**
Measuring range from 2 – 130 mph (3 – 199 km/h), thus measurements in areas with low vehicle speeds possible

▶ **Memory for up to 1.7 million per-vehicle data**
Smooth measurement over a long period and at high traffic volume possible

▶ **Web-based evaluation software**
Web-based and password protected evaluation software with possibility of data conversion to txt, *.xls, *.fim, *.dmp. No software installation on PC necessary

Energy

▶ **Different energy supplies available**

⚡ | **Rechargeable battery**

☀ | **Solar**

🔌 | **Mains power (110 – 230 VAC)**

▶ **Battery operation time up to 14 days**
Long-term measurements possible. Less battery charging or battery changes necessary.

SDR Unique Product Offering

Easiest and safest installation

3 steps in less than 10 minutes!

1 Install **SDR**
2 Plug in the Battery
3 Load the setup file and start

▶ No adjustment effort on site = shortest set-up time!

▶ See our installation video at **www.datacollect.com**

▶ **AUTOCAL**
Fully automatic length calibration.

▶ **AUTOGAIN**
Fully automatic sensivity calibration.

Further installation details

▶ **Accurate horizontal angle adjustment through Laser45**
Equal to highest and repeatable accuracy of speed measurements (pre-selection-tool for Police)

▶ **Flexible installation concept**
Anti-theft installation set for poles with 2.36" – 6.30" (60 – 160 mm) diameter. By use of steel bands also suitable for installation on poles with larger diameter

▶ **Free selectable installation distance to road of up to 30 ft (10 m)**
Huge flexibility on choice of ideal installation place

▶ **Free selectable installation height from 3 to 24 ft (1 to 8 m)**
Optimum protection against vandalism and avoidance of lane occlusion

Technical specifications

Dimensions	11.81" x 13.78" x 5.91" (350 x 300 x 150 mm) unobtrusive, compact design
Weight	10.36 lbs (4,7 kg) easiest handling, quick installation
Protection class/material	IP65/Polymer
Ambient temperature	-4°F to +122°F (-20°C to +50°C)
Selectable colour of housing	grey or black: Perfect optical integration into existing infrastructure (uninfluenced traffic data collection)
Integrated Bluetooth module	Wireless data transmission up to 300 ft (100 m) line of sight
GPRS connectivity available	Integration of GPRS Modem in existing hardware possible