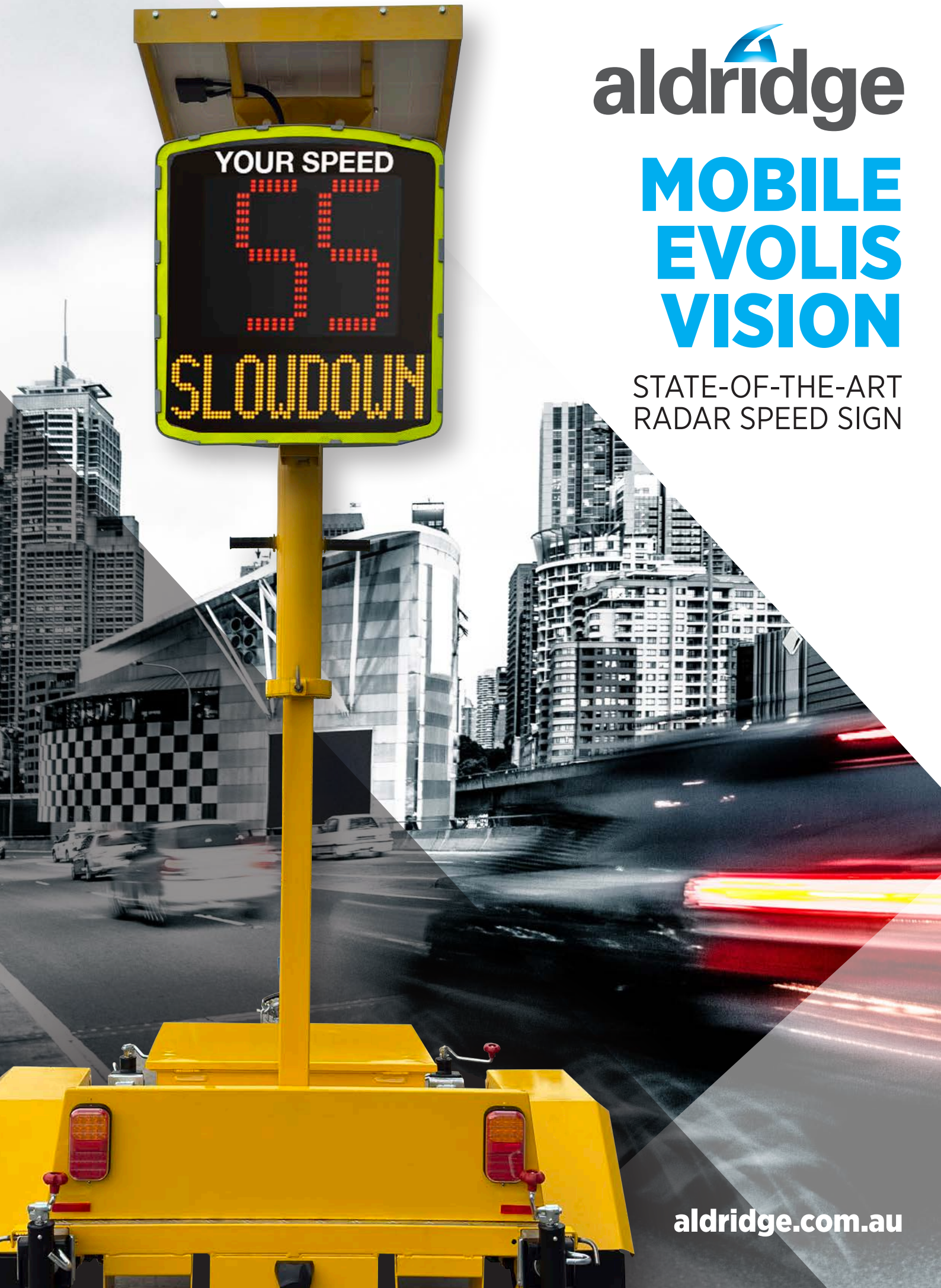




aldridge

MOBILE EVOLIS VISION

STATE-OF-THE-ART
RADAR SPEED SIGN



aldridge.com.au

THE BENCHMARK IN RADAR SPEED SIGN TECHNOLOGY

Chosen by more municipalities than any other model, the Evolis Vision radar speed sign offers unmatched accuracy, striking visibility, and simple installation. Now in operation across more than 20,000 councils and with 45,000+ units installed worldwide, it stands as an international standard in speed awareness solutions.

1. An Impactful Display

- **Outstanding Visibility:**
High-contrast LED display ensures early driver awareness.
- **Customisable Messaging:**
Tailor text and graphics to specific safety goals.
- **Long-Range Accuracy:**
Advanced Doppler radar detects vehicles up to 300 meters.

2. Connected Radar for High-Performance Analysis

- **Bidirectional Data Logging:**
Records traffic information in both directions.
- **Powerful Software Suite:**
Analyse speed and volume data to inform targeted safety measures.
- **Multiple Connectivity Options:**
Easily access and export traffic data via wired or wireless methods.

3. Durability and Long-Term Reliability

- **Rugged Enclosure:**
Built to handle diverse weather conditions year-round.
- **Reinforced Front Panel:**
Designed for maximum impact resistance.
- **Two-Year Warranty:**
Confidence backed by comprehensive support.

4. Simple, Safe Installation

- **User-Friendly Design:**
Configure and manage directly on the device.
- **Lightweight & Portable:**
Single-person installation or relocation with minimal effort.

Elevate your community's road safety with the trusted choice of councils worldwide - Evolis Vision Radar Speed Sign by Aldridge Electrical.

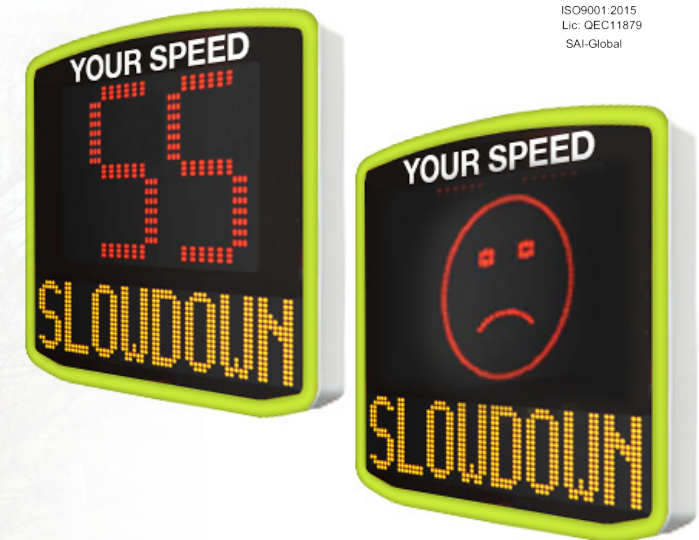
THE MOST STRIKING RADAR ON THE MARKET

Accuracy matters, but being impossible to miss is even more crucial.

Thanks to a 300-metre detection range and optimum visibility out to 250 metres, the Evolis Vision Radar Speed Sign, proudly offered by Aldridge Electrical, earns its reputation as one of the most effective, safety-focused radars available.

Dual Display for Speed and Warning Messages

The Evolis Vision features two distinct displays. The top display shows vehicles' speeds measured by its advanced Doppler radar antenna, using three rows of high-resolution LEDs to maximise driver awareness and encourage immediate speed reduction.



EVOLIS VISION'S VISUAL PERFORMANCE VERSUS ITS COMPETITORS



Fully Customisable Messaging

The display can be tailored to show text and pictograms based on the detected speed. A wide, 16 x 64 cm matrix provides greater impact, helping motorists recognise the need to slow down.

Industry-Leading Visibility

With its large-format LED screens and user-defined messages, the Evolis Vision radar speed sign amplifies its psychological impact on drivers. Backed by Aldridge Electrical's expertise and support, it's a proven solution for enhancing road safety and reducing speeding in communities throughout Australia.



THE WORLD’S MOST
EFFECTIVE RADAR

Customisable Messages to Match Your Priorities

Evolis Vision adapts perfectly to the stretch of road you’re aiming to make safer. Its “Full LED” text display matrix allows you to tailor messages for specific times or locations—such as school drop-off and pick-up periods—to better protect students. You can also alternate between multiple flashes and special warnings to recapture the attention of regular passers-by who might otherwise ignore the display. Beyond those set intervals, the radar automatically resumes standard messages.



Accurate, Long-Range Doppler Radar Antenna

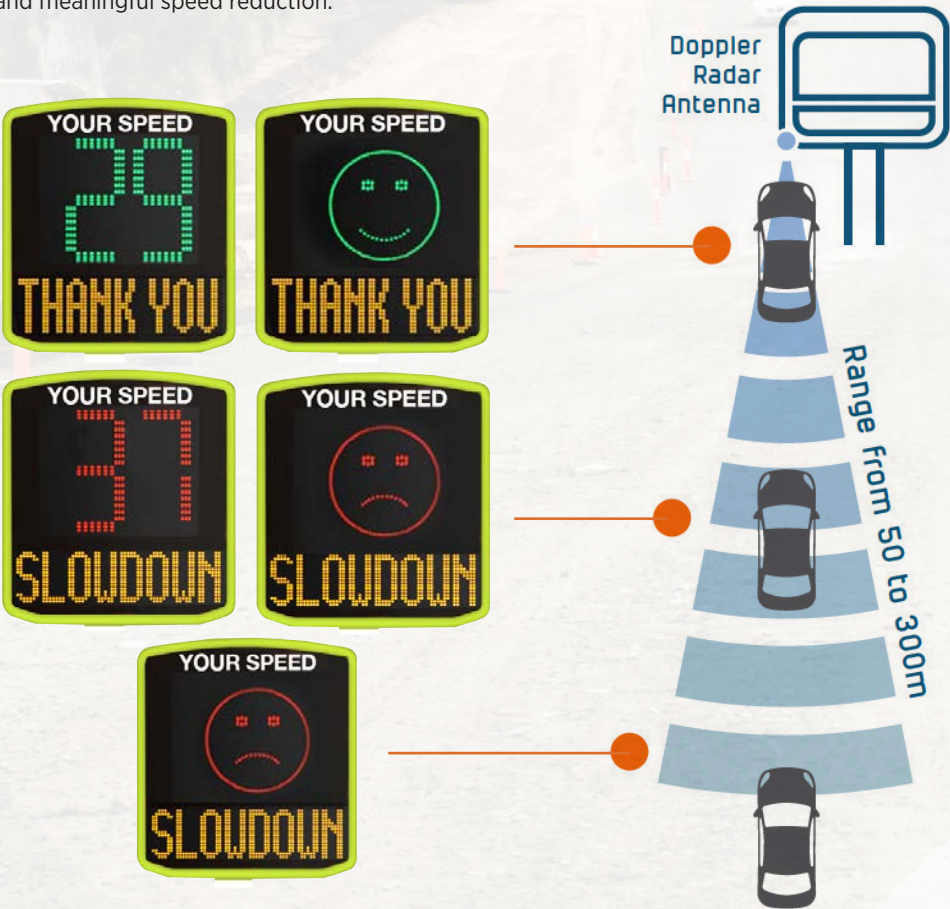
Powered by proven radar technology, the Evolis Vision Radar Speed Sign delivers precise vehicle detection at distances up to 300 metres. With a wide 33° detection angle and ±1% accuracy, drivers are made acutely aware of their speed well in advance, maximising the radar’s influence on driver behaviour.

Interactive Display That Drives Behavioural Change

Evolis Vision features a two-tone LED display, refreshed every second. It glows green when drivers stay within the speed limit and switches to red when they exceed it. This highly visible colour change provides a powerful visual cue, prompting immediate and meaningful speed reduction.

Legal speed
limit:
GREEN

Exceeding the
speed limit:
RED



A CONNECTED RADAR FOR
HIGH-PERFORMANCE ANALYSIS

The Evolis Vision radar does more than just alert speeding drivers. Its integrated software allows you to manage your equipment in-house and collect comprehensive traffic metrics, enabling you to thoroughly analyse road data in your community.

How Do You Communicate with
Your Radar?

Stay connected through your PC using the included USB cable or Bluetooth®. You can also link up via your Android or iOS tablet or smartphone, giving you the flexibility to manage and analyse traffic data from virtually any device.

Spy Mode: The Smart Way to
Analyse Data

The “spy” function allows you to compare traffic data in both the radar’s active and inactive display modes.

When in spy mode, the Evolis Vision won’t show drivers their speed but continues recording traffic data, giving you even more accurate insights into driver behaviour. This discreet approach helps optimise Aldridge Electrical’s mission of delivering safer roads through genuine, real-world analysis.

A Comprehensive Software
Suite to Analyse Your Traffic
Data

Prove the effectiveness of the Evolis Vision Radar Speed Sign, with its powerful, intuitive software solution.

Configure your radar in moments and retrieve recorded data through an unlimited-access licence, tracking essential metrics like exact timestamps, speed in both directions, plus average and maximum speeds.

Visualise your data with pie charts, diagrams, or graphs and export your reports in Excel, CSV, or PDF format. It’s everything you need to gain valuable insights and enhance road safety in your community.



Discover Option Connect

Seamlessly extend your Evolis Vision radar’s capabilities with the Connect Box, designed to provide remote 4G connectivity. Simple enough for users to install directly inside the unit, Option Connect streamlines your radar management and revolutionises how you handle statistical data.

With an all-inclusive subscription, you’ll enjoy real-time, remote access to data logs, radar settings, and system health via a dedicated web platform—giving you unparalleled convenience and control over road safety in your community.

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DURABILITY AND LONG-TERM RELIABILITY

From the scorching heat of the Australian outback to the freezing winters of the Snowy Mountains and Tasmanian highlands - and across the wet tropics of Far North Queensland - Evolis Vision radars, supplied by Aldridge Electrical, have proven they can endure virtually any weather Australia can throw at them.

Their global track record attests to a design built for year-round performance, delivering consistent, reliable speed control wherever they're installed.

Extremely Durable Housing

Constructed from polycarbonate-reinforced ABS resin, Evolis Vision radars feature a single-piece housing that guarantees reliable weatherproofing and top-notch component protection. There are no rust-prone screws, and a full-core anti-UV treatment ensures a longer service life.



Robust Front Face

Crafted from polycarbonate and treated with an anti-reflective coating, the slightly curved front face enhances visibility under all conditions while shielding the LEDs from potential impacts.



2-YEAR WARRANTY AND SUPPORT

With a warranty return rate below 1%, Evolis Vision radars deliver proven reliability. In the event of a malfunction (excluding vandalism), our support team will guide you through diagnostics and repairs over the phone.

We can also provide hands-on assistance for installation and operation, on-site training or remote walkthroughs, to ensure you get the most out of your Evolis Vision radar speed sign.

Upgrade your traffic safety strategy with a radar sign that's as easy to manage as it is effective - Evolis Vision by Aldridge Electrical.

Where to Place Them for Maximum Effect

To achieve meaningful speed reductions, drivers need to be reminded of their speeds as frequently as possible. For optimal performance, Aldridge Electrical recommends installing Evolis Vision radar speed signs at:

- **Town Entrances & Main Roads:**
Alert incoming traffic to slow down before entering populated areas.
- **School Approaches:**
Enhance child safety by reinforcing speed limits at drop-off and pick-up times.
- **Visible Locations (50 to 200 Metres):**
Ensure drivers can easily see the display from a distance.
- **Open Lines of Sight:**
Place the sign where the radar's antenna won't be obstructed by trees, crossroads, or parked cars, allowing for more accurate and extended detection.

Setting up: an interface for pre-selecting speed limit

Configuration directly on the radar

Digital display indicating speed limit

On/Off button

USB socket

Speed thresholds selector



TECHNICAL CHARACTERISTICS

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TRAILER

Solar Panel	12V 75W
Batteries	2 x 12V 100Ah Gel
Transport Height	2270 mm
Maximum Height	3365 mm
Height to bottom of Display (in lowered position)	1320 mm
Height to bottom of Display (in maximum raised position)	2400 mm
Trailer Length	2900 mm
Trailer Width	1740 mm
Drawbar Length	1320 mm
Stabiliser Legs Length Footprint	1870 mm
Stabiliser Legs width Footprint	1135 mm
Trailer Weight	505 kg



DISPLAYS

Speed Digits	3 digits (0 to 199) Dimensions: 380 x 450 mm Colour: green / amber / red Visibility: 3-LEDline thickness
Smileys	Colour: green / red Dimensions : 300 x 300 mm
Message/Graphic display (excluding EVOLIS Mobility)	Dimensions: 160 x 640 mm (H x W), 1 line of 8 characters / 2 lines of 11 characters Colour: amber Programmable messages – text and pictograms
LEDs	OSRAM C.M.S high-luminosity, ultra-low consumption Service life > 100,000 hours
Photosensitive cell	High-precision sensor for adaptation to the light

DOPPLER RADAR ANTENNA

Range	Up to 300 metres
Accuracy	within 1%
Angle of detection	33 degrees
Frequency	24.125 GHz

TRAFFIC STATISTICS

Analysis	In both traffic directions (incoming/outgoing)
Data	Average and maximum speeds, number of vehicles, time stamps, percentiles (V30/V50/V85)
Memory	16 Mo, 5 million vehicles recorded
Operation	With the software package. Output exportable in Excel, CSV, or PDF files.

SETTING UP

Local	USB and Bluetooth** (PC or Android/iOS mobile appliance with mobile app)
Remote	4G modem with Web interface (operational status of appliance and statistical analysis) Optional extra modem and subscription required

HOUSING

Dimensions	710 x 770 x 160 mm (W x H x D), with two battery slots
Weight	9.2 kg (excl. batteries)
Material	ABS resin, anti-UV, one-piece injection moulded body
Colour	Grey, through dyed
Ingress protection	IP65
Security	Lock and specific key, also provision for padlock
User access	External access to batteries, speed change interface, and USB port. Secured by two locks

FRONT FACE

Material	Polycarbonate with nonreflective surface
Decoration and text	Retro-Reflective Fluoro Yellow Green Border and Retro-Reflective White “YOUR SPEED”
Shape	Convex for optimum protection against projectiles

POWER SUPPLY

Charging	Optional Extra Internal power 220 V Smart charging management Integrated protection fuse
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COMPLIANCE

European standards	Directive RED 2014/53/EU Directive RoHS 2011/65/EU Directive WEEE 2012/19/EU
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A COMPREHENSIVE RANGE FOR ROAD SAFETY AND LOCAL COUNCIL COMMUNICATION

EVOLIS®

The most effective radar speed display in the world, providing the highest efficiency:

- Significant, lasting decrease in speeding
- Recording of traffic statistics in both directions
- Bluetooth® and/or 4G communication
- Available with solar and/or electrical power supply



EVOCITY

The only electronic information display that can run on 100% solar power or public lighting

- Excellent reading quality in all conditions of light
- Versatile: can be relocated supply



EVOFLASH

A beacon to boost your existing road safety signage

- Triggering on vehicle detection and/or overspeed
- Adaptable to all support posts: universal fastening and solar self-sufficiency



EVOTRAFFIC

The road traffic counting and analysis tool with the easiest implementation

- Detailed traffic statistics: number of passing vehicles, speed and classification by vehicle type
- Maximum accuracy with detection by tube
- Data interpretation software, complete and simple to use



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Quality
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