

KAMELION-12.5 RADAR SPEED FEEDBACK SIGN

The full matrix Kamelion-12.5 radar speed feedback sign offers so many advantages over conventional speed displays. The screen of this traffic sign allows you to display 320 mm (12.5") digits in green, yellow or red which improves drivers' perception reaction time. An RGB full matrix screen displays preprogrammed or programmable pictograms, emojis or text messages that interact positively with drivers. Two built-in RRFBs can be set if needed to alert when excessive overspeeding is reached. These three elements make the Kamelion one of the most efficient speed reduction tools on the market and a great option to achieve Vision Zero.



PEDAGOGICAL TOOL



REDUCE SPEED



DATA COLLECTION



KAMELION
Advanced electronic signage





FEATURES OF THE KAMELION-12.5 RADAR SPEED FEEDBACK SIGN

Adjustable stand-alone radar

Allow a perfect orientation of the radar with the traffic flow, increasing accuracy of data collection. With the screen turned off, it becomes a spy-mode traffic analyzer. Collect traffic data while displaying speeds or messages.



Control menu on the radar

Allow you to quickly program speeds, pictograms, RRFBs and data collection. (Also programmable via Bluetooth)

Two built-in super powerful strobes RRFB

Programmable if needed for excessive speeding drivers. Blink alternately to simulate an emergency light and encourage drivers to slow down. Compliant with the MUTCD standard.

Anti-glare polycarbonate window

Improve visibility in addition to being unbreakable.

Photocell

Adjusts brightness automatically.



Full 320 x 480 mm (12.5" x 19") display matrix

Displays digits with a height of 320 mm (12.5"). Readable at a minimum distance of 150 m (493'). RGB screen that displays 7-colors. Digit color varies according to speed.

Screen text messages and pictograms are tricolor according to the displayed speed limit.

The Kamelion-12.5 can alternate between displaying speed and interactive messages. More than 10 preprogrammed pictograms. Text up to four lines of 12 characters of 70 mm (2 3/4").

The Kamelion-12.5 is a 7-colors, full-matrix speed display sign. With its 320 x 480 mm screen, it is possible to display digits with a height of 318 mm (12.5"). The specially designed educational radar allows the configuration of the speed display sign. More than 10 preprogrammed Kam-Smart pictograms are available depending on the displayed speed. In addition, the radar allows data collection and RRFB activation on the panel, for excessive speeds.



KAM-SMART Educational Speed Display

The KAM-SMART function makes configuration fast and easy. A digital screen is integrated into the radar so the user can select speed ranges, pictograms, data collection and strobe activation. The pictograms and color speed display create an educational interaction with the road user. Turning on a speed display has never been easier. If necessary, the KAM-TOOL software allows you to customize the pictograms and define the speed ranges according to a schedule.





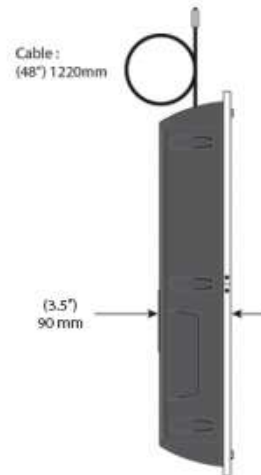
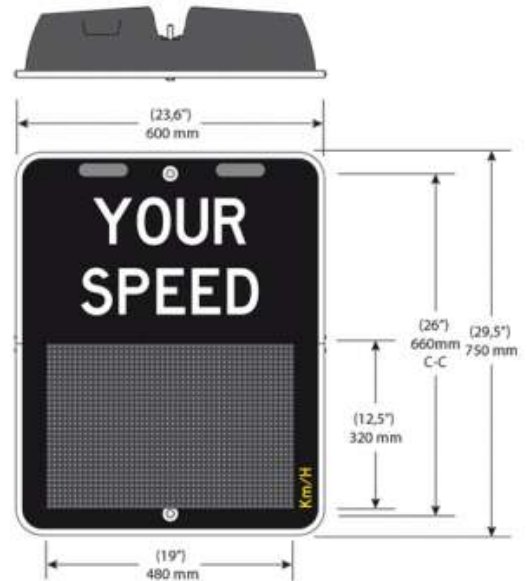
TECHNICAL SPECIFICATIONS OF THE KAMELION-12.5 RADAR SPEED FEEDBACK SIGN

Electrical Components

Screen Format	320 x 480 mm (12.5" x 19")
Resolution	32 x 48 pixels
Angularity	50° x 100°
Colors	RGB (red, blue, green) for 7 colors
Text	Messages and pictograms are tricolor according to the speed limit displayed.
Visibility	more than 300 m (1000')
Max Power Consumption	90 Wh (day) – 35 Wh (night)
Voltage In	10,8 to 15 VDC
Connector	"Snap-in", overmolded IP67, 10 mm OD
Flasher	2 x 18 Watts amber flashers
Communication	USB or Bluetooth, range of 50 m (160')
Operational Temperature	-40 to +65°C (-40 to +149°F)
Power Sources	Batteries located in the solar power unit (Lithium)

Materials

Housing	UV-treated polyethylene (PEHD)
Front Panel	Anti-reflection polycarbonate 5 mm (.188")
Environmental Protection	IP65
Weight	12 kg (26 lb)



Product Number	Description	Box : Dimenson - Weight	HSS Code
Assembly Kit			
#37649	KAM-12,5 Driver Feedback Sign with 50W solar power unit	37 x 28 x 11 po – 35 lb + 37 x 28 x 11 po – 30 lb	8530.90
#38192	KAM-12,5 Driver Feedback Sign with 50W solar power unit and Modem	37 x 28 x 11 po – 35 lb + 37 x 28 x 11 po – 30 lb	8530.90
#37759	KAM-12,5 Driver Feedback Sign with AC/DC Power Converter	37 x 28 x 11 po – 45 lb	8530.90
#38191	KAM-12,5 Driver Feedback Sign with AC/DC Power Converter and Modem	37 x 28 x 11 po – 45 lb	8530.90
Activation Options			
#37319	Access and annual fees to the Navigate Traffic Cloud™ web platform	Included in kit box	N/A

Included : Installation hardware for 4 po round pole. Smart USB Dongle required to change configuration. Two (2) years Limited Warranty against defects in workmanship and materials.