

# KAMELION-VMS VARIABLE MESSAGE SIGN

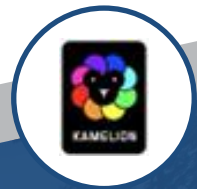
The Kamelion-VMS variable message sign is a small variable message sign that can meet several needs. It can be used to communicate information to citizens. It can display messages according to the time and day of the week. Its 24" x 30" format makes the Kamelion the ideal tool for improving standard or intermittent road signage. Thanks to its RGB display, the Kamelion-VMS sign can display up to 7-colors in order to improve the perception and reaction time of drivers. A software is included to allow easy message customization.



HIGH INTENSITY  
LEDS



CUSTOMIZABLE  
PICTOGRAMS AND TEXTS



RGB DISPLAY



**KAMELION**  
Advanced electronic signage





# FEATURES OF THE KAMELION-VMS VARIABLE MESSAGE 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.

## Full 640 X 480 mm (25" X 19") display matrix

Readable at a maximum distance of 200 m (656'). RGB screen that displays 7 colors. Can scroll more than 100 messages continuously. Pictogram or customizable message with software. Text up to 8-lines of 12 characters of 70 mm (2 3/4")

## Speed display

Adding a radar also allows you to use the PMV as a speed display and thus take advantage of the characteristics of the Kamelion-15 speed display. Screen text messages and pictograms are tricolor according to the displayed speed limit.



## Internal calendar

The Kamelion VMS is equipped with an internal calendar that allows you to toggle the message depending on the time or day. This feature allows to improve the intermittent signal such as speed and variable bans depending on the time and day of the week.

## Pictogram included

More than 40 TOME V & MUTCD compliant road signs and more than 10 warning messages are included on the software.

## Anti-glare polycarbonate window

Improve visibility in addition to being unbreakable.

## Photocell

Adjusts brightness automatically.



## Citizen communication

The perfect traffic sign to effectively communicate with citizens. Whether it is to promote municipal activities or increase awareness during emergency situations such as boil water advisory, fire ban or evacuation, the variable message sign is an effective and dynamic means of communication. Thanks to the software specially designed on the educational radar, it is easy to edit any multicolored message or image and then send it to the panel via Bluetooth.



## Speed display

By combining the variable message panel with a specially designed Doppler radar, the Kamelion becomes a full-matrix 7-color speed display. With its 48 x 64 cm (23.6" x 29.5") screen, it is possible to display digits with a height of 38 cm (15") while leaving enough space for a text box. The size of the screen enhances the visibility and efficiency of the sign, and allow the use of the sign on roads where the speed is greater than 60 km/h (37 mph). The specially designed educational radar offers many speed display configurations. About 20 preprogrammed pictograms are available depending on the displayed speed. In addition, the radar allows the collection of data and the activation of two rectangular rapid flash lights (RRFBs) on the panel, for excessive speeds.



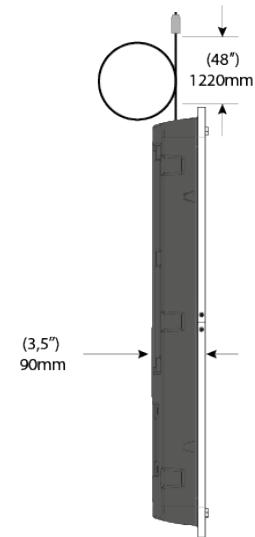
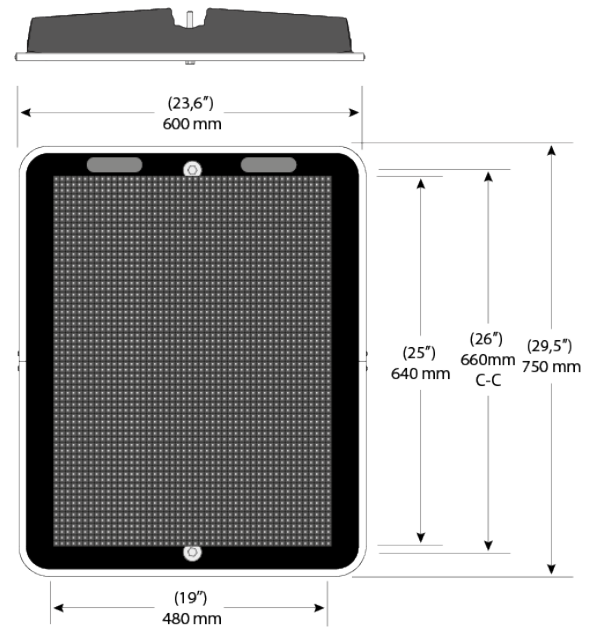
# TECHNICAL SPECIFICATIONS OF THE KAMELION-VMS VARIABLE MESSAGE SIGN

## Electrical Components

Screen Format	640 x 480 mm (25" x 19")
Resolution	64 x 48 pixels
Angularity	50° x 100°
Visibility	more than 300 m (1000')
Colors	RGB (red, blue, green) for 7 colors
Text	Messages and pictograms are tricolor according to the speed limit displayed
Max Power Consumption	180 Wh (day) – 70 Wh (night)
Voltage In	10.8 to 15 VDC
Flasher	2 x 18 Watts amber flashers
Connector	"Snap-in", overmolded IP67, 10 mm OD
Communication	USB or Bluetooth, range of 50 m (160')
Operational Temperature	-40 to +65°C (-40 to +149°F)
Power Sources	120 Volts converter box

## 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 : Dimension - Weight	HSS Code
<b>Assembly Kit</b>			
#37395	KAM-VMS - Full Matrix Sign - AC/DC Power Converter	37 x 28 x 11 in – 32 lbs + 12 x 16 x 12 in – 40 lbs	8530.90
#37393	KAM-VMS - Full Matrix Sign - AC/DC Power Converter - with radar	37 x 28 x 11 in – 32 lbs + 12 x 16 x 12 in – 40 lbs	8530.90

**Included in kit :** Two (2) years Limited Warranty against defects in workmanship and materials.