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SECURITE & SIGNALISATION



# Visio

Dynamic Message Signs


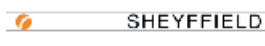
Dynamic

# A made-to-measure solution

SES introduces Visio: the solution to inform road users in real time on ring roads or roads in urban areas with:


- A perfect legibility wherever the sign is installed (round about, access road, bends...)
- A complete integration into urban facilities
- An aesthetic design with round lines, a big choice in colours and compact dimensions make Visio installation easy in urban areas.


All models of Visio range are compliant to EN12966 and NEMA TS4 standards.

Models (character height)	Line matrix	Luminous strip
Visio 10 (100mm)	 <p>Line matrix</p>	 <p>On the sign length</p>
Visio 16 (160mm)		

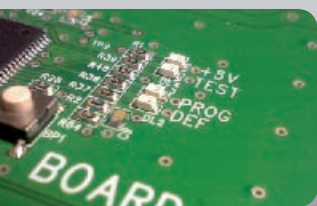
Models	Line matrix	
	Number of lines	Length (in pixels)
Visio 10	3 / 4 / 5	105 / 126
Visio 16	3 / 4 / 5	105 / 126

Colours of the pole and housing can be personalized upon request.

You can make your choice in a large range of RAL colours. 

For specific sites, texture colours are also available. 

# Innovative electronic architecture



When developing Visio, SES chose a display technology that was already proven with Luminance DMS range.

All electronic components (display boards, flashers, temperature and light sensors...) are linked on the same RS485 data bus.



The integration of electronic components:

- simplifies maintenance due to a continuous auto diagnosis of components,
- increases reliability of electronics as there are fewer connexions.



SCU3 - SES new generation of controller - is designed to offer a high flexibility in variable message signs control.

- Performance: memory and processor rates are increased.
- Versatility: NTCIP and LCR protocols are available.
- Open system: the user is free to choose between several ports of communication (RS232, RS485, and Ethernet).
- Compactness: SCU3 can be integrated in the housing thanks to its small dimensions.

# Visio : design and information

## • Luminous strip

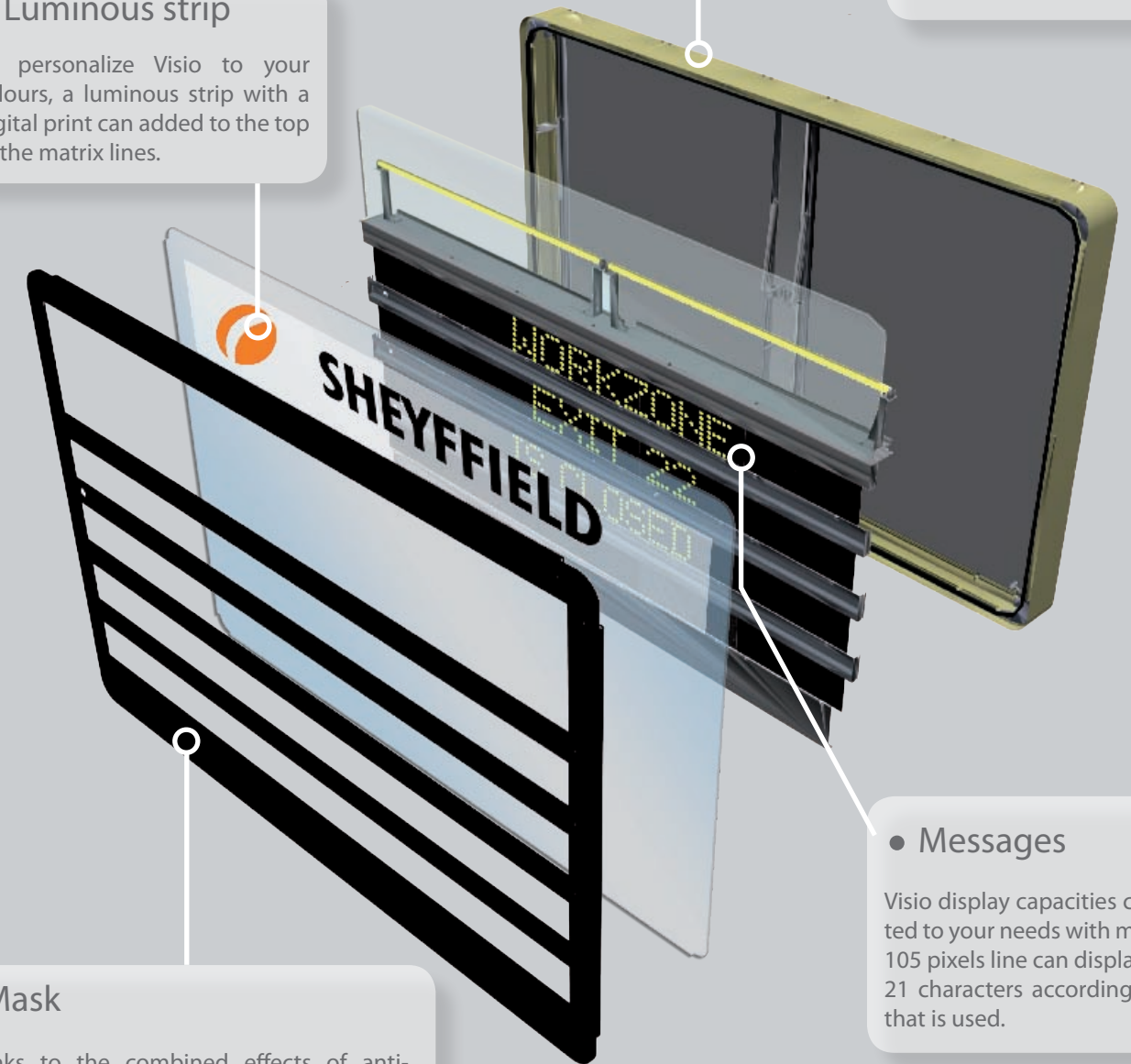
To personalize Visio to your colours, a luminous strip with a digital print can be added to the top of the matrix lines.

## • Housing

It is made of an aluminium profile specially designed for its resistance and the flexibility it offers in designing housing.

## • LEDs

SES chose the latest LED technology: Surface Mounted LEDs. The LEDs we use are of AllnGap technology with a very high luminosity and a 30° cone of vision.



## • Mask

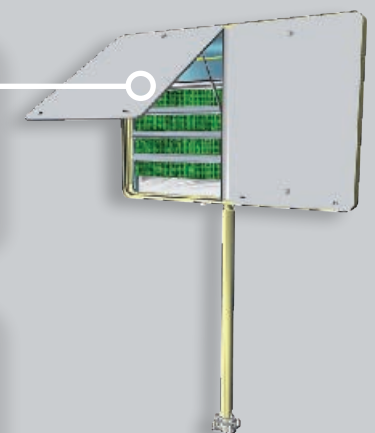
Thanks to the combined effects of anti-reflective polycarbonate, Surface Mounted LEDs and the mask technology, Visio does not reflect ambient light. Then, messages can be perfectly read in any conditions.

## • Messages

Visio display capacities can be adapted to your needs with matrix lines. A 105 pixels line can display from 15 to 21 characters according to the font that is used.

## • Access

Rear doors (on a horizontal axis) make access to the components easier and protect maintenance staff.



## • Pole

As for the pole, 2 options are available:

- an external cylindrical pole fixed at the back of the housing
- an elliptical pole that goes through the housing

