



# L.C.S

Lane Control Signs

Dynamic



# Suitable for all applications

Discover the Lane Control Signs designed for freeways, highways, tunnels, bridges, HOV lanes, toll plazas...

Our improvements include:

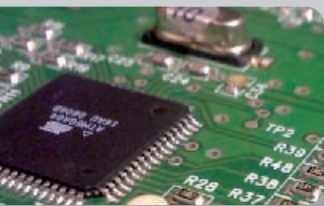
- Total integration into any sites without concerns about size, weight or fixing interface device,
- Freedom of choice: two control modes,
- Easy maintenance: dual access housing (front and rear),
- Surface Mounted LEDs: high intensity and self alignment to guaranty perfect legibility,

All models are compliant to EN12966 European standard and to NEMA TS4.

Large dimensions	2 messages	4 messages	6 messages	Small dimensions	2 messages	4 messages	6 messages
Display size area	450 x 450	450 x 450	450 x 450	Display size area	300 x 300	300 x 300	300 x 300
Display	✗↓	✗↓↘↙	✗↓↘↙✗↓	Display	✗↓	✗↓↘↙	✗↓↘↙✗↓
Power	30 VA	30 VA	30 VA	Power	20 VA	20 VA	20 VA
Housing dimensions (mm)	740 x 740 x 110	740 x 740 x 110	740 x 740 x 110	Housing dimensions (mm)	540 x 540 x 110	540 x 540 x 110	540 x 540 x 110
Weight (kg)	20	20	20	Weight (kg)	10	10	10

Small dimensions for tunnels	2 messages	4 messages
Display size area (mm)	300 x 300	300 x 300
Display	✗↓	✗↓↘↙
Power consumption	20 VA	20 VA
Housing dimensions (mm)	370 x 370 x 100	370 x 370 x 100
Weight (kg)	14	14

## Innovative electronic architecture



SES chose to use the display technology already proven with Dynamic Message Signs installed worldwide.

This innovative technology allows us to:

- increase reliability by reducing the number of connections and components,
- simplify maintenance operations by continuously monitoring components,
- provide two different control modes.

Dry contacts mode :

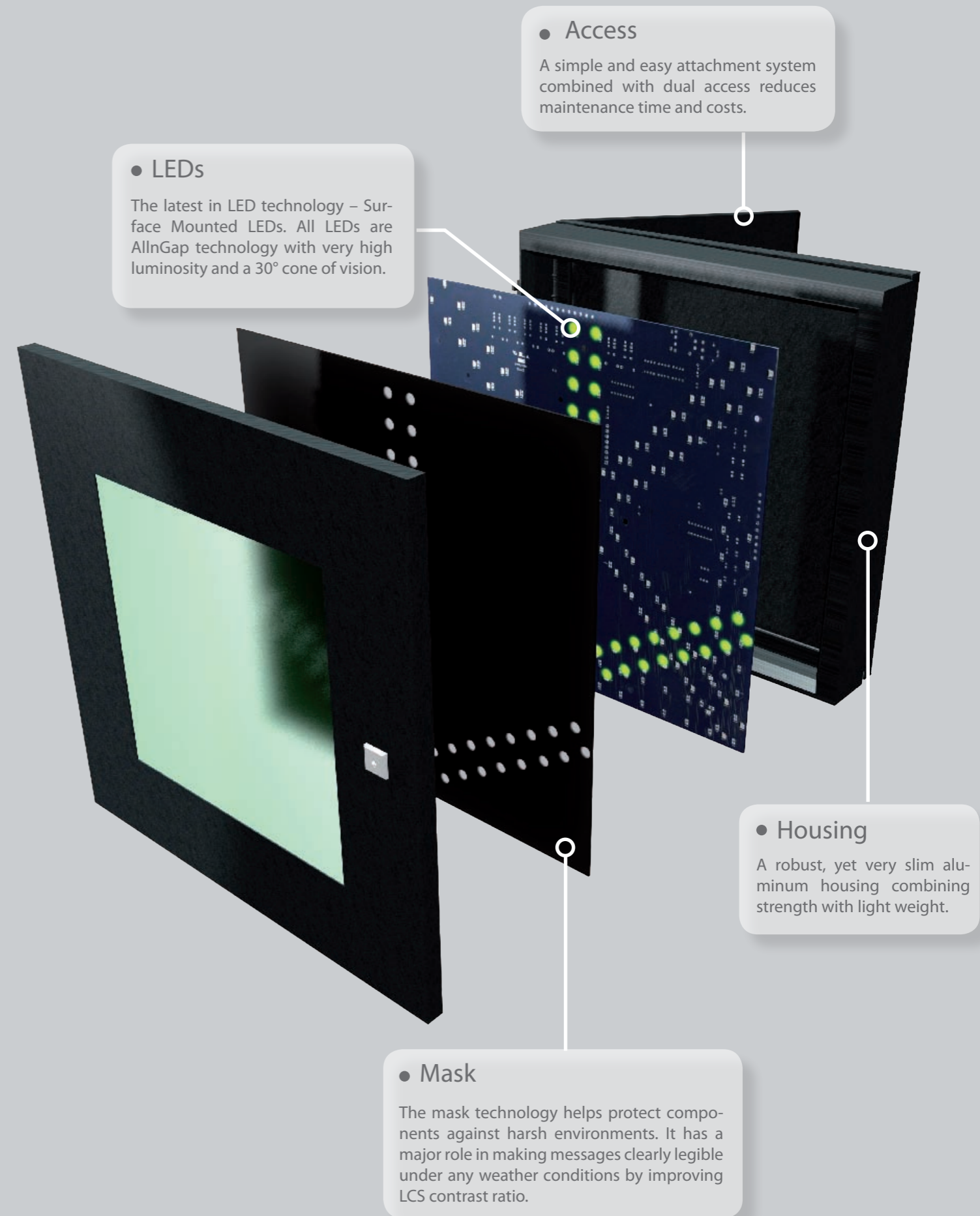
- simplifies design, installation and commissioning,
- provides LED fault detection,
- allows continuous error checking.

The serial mode uses SCU3 controller with:

- Performance: one SCU3 can control up to 20 LCS.
- Versatility: NTCIP or LCR languages are available.
- Communication: the user is free to choose between several communication ports (RS232, Ethernet or RS485).



# Lane Control Signs



### • LEDs

The latest in LED technology – Surface Mounted LEDs. All LEDs are AllnGap technology with very high luminosity and a 30° cone of vision.

### • Access

A simple and easy attachment system combined with dual access reduces maintenance time and costs.

### • Housing

A robust, yet very slim aluminum housing combining strength with light weight.

### • Mask

The mask technology helps protect components against harsh environments. It has a major role in making messages clearly legible under any weather conditions by improving LCS contrast ratio.



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