

Product Description: MD1224 Classification Repeater Sign

FORTH MD1224 Classification Repeater Sign is an IP 65 rugged unit designed to be installed on the toll plaza canopy. The product features high MTBF, low power consumption and high visibility during adverse weather conditions,

Basic Features

- LED (Super bright for traffic use)
- Colour: Red and Amber
- Character height: 320mm
- Environmental protection: IP65

Description

FORTH MD1224 Classification Repeater Sign is designed using the latest generation high visibility LED especially designed for use in the traffic environment.

The unit is delivered in an IP 65 graded enclosure where each element is protected by polycarbonate cover designed to protect the LED display against severe environmental roadside conditions.

The design ensures a high Mean Time Between Failure (MTBF), and ensures reliable and cost effective operation of the tolling system.

The design 320mm high 3 character (4 character for plazas with more than 10 lanes) providing high visibility under adverse weather and light conditions as shown in Figure 1.



Fig. 1 Classification Repeater Sign



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Technical Specifications

Electrical / Optical Characteristics

Input voltage:	220 VAC, 50Hz
Power consumption:	20 W
LED colour:	Red and Amber, High brightness LED for traffic
Interface:	RS-232 or RS-422

Physical Characteristics

Character height:	320 mm
Frame size:	485 mm (h) x 900 mm (w) x 100 mm (d) (3-digit, 4-digit version)
Frame material:	Aluminium
Weight:	16 kg

Environmental Characteristics:

Housing protection rating	IP65
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Operating Conditions:

Temperature:	-20° C to 70° C
Relative Humidity:	5 to 99% RH non-condensing
Vibration:	10 to 85 Hz, 0.075 mm amplitude, 58 to 500Hz, 10 m/s velocity
MTBF:	> 75.000 hours (Individual LED)

**Manufactured under stringent control in an ISO 9001 Certified Production line
by**

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