PARKING GUIDANCE VMS

MODELS: QLD-RGB11.55-16x12
QLD-RGB11.55-24x12
QLD-RGB11.55-32x12
QLD-RGB11.55-40x12
QLD-RGB11.55-48x12
QLD-RGB11.55-64x12
QLD-RGB11.55-96x12

CE

pictures are of the same type display,
but not necessary of the concrete model

Efficient use of large multi-level parking garages or huge in level parking lots can not be achieved without a system of user guidance toward available parking spaces. An important component of such system represent the VMS signs intended to direct parking users to areas of the facility where in real time there are an available capacity.

Parking VMS display through graphical and text messages displayed in the appropriate chromatic code provides users with the necessary information presented in front of locations where different options for continuing movement exist. Real-time information is provided through a centralized management system for parking facility on the basis of information from individual parking place detectors.

In addition to the direction towards the designated number of available parking positions, specific users can be informed of the availability of a dedicated capacity (disabled persons, VIP, electric powered vehicles, oversized vehicles). Also, information of different status of particular parking facility areas can be announced (FULL, CLOSED) in stabile or dynamic (horizontal scrolling text) mode.

Besides standalone, parking VMS can be installed within the framework of complex information boards with aggregated information covering the multi-level or multi-zone parking facility.

The main features of concept:

- Full color LED matrix display - provides endless colours in combination with free text context,
- Different character style applicable, small and large letters, symbols, etc,
- LED type: super-bright, wide viewing angle, OSRAM SMD RGB,
- Resolution: 11.55 mm - providing a good appearance and readability of content from a distance of several tens metres,
- Arrow for any direction (left, straight, right), wheelchair or any other required pictogram or animation,
- Required number of digits (corresponding model),
- Free text context in required character design,
- Shaded lusterless polycarbonate protector,
- Extruded aluminum housing for independent montage,
- Housing mechanical protection IP65,
- Hanging on a horizontal bar.

office@elcombgd.rs

elcomBgd

HOUSING

- Body: Extruded aluminium,
- Dimensions - different models (W x H x D):
  240/ 330/ 420/ 510/ 600/ 810/ 1170 x 187 x 65 mm,
- Front side: polycarbonate protector,
- Protection class: IP65,
- Mounting: hanging from the ceiling, using a cantilevered bracket or tube mount,

DISPLAY FACE

- Type: full colour matrix,
- Dimensions - different models:
  2/ 3/ 4/ 5/ 6/ 8/ 12 normal characters (of 8 pixels width),:
  16/ 24/ 32/ 40/ 48/ 64/ 96 x 12 pixels (W x H);
  185/ 277/ 370/ 462/ 554/ 740/ 1008 x 138 mm (W x H),
- Resolution (pitch): 11.55 mm,
- LED type: OSRAM RGB SMD,
- Luminosity: 22,950 cd/m^2
- Colours consistent to CIE 1931 (three-chromatic coordinates in accordance to CIE S 004/E),
- Viewing angle 2Θ1/2: horizontal and vertical class B6 (EN 12966),
- Luminance control of each diode in 256 levels (dimming) providing 16.7 M colours.
- Control of general luminance level of entire display dimming in 64 levels,
- Frequency adjusted to avoid blinking when working in impulse mode (frequency in accordance to EN12966:1:2004, paragraph 7.7),

ELECTRICAL FEATURES

In accordance to EN 12966-1:2005, paragraph 8.4

- Voltage: 5/ 24 VDC,
- Power consumption:
  nominal in use (approx.) 8/ 12/ 15/ 19/ 23/ 30/ 46 W,
  maximal 20/ 30/ 40/ 50/ 60/ 80/ 120 W,
- Insulation: Class 2,

TEMPERATURE RANGE

- From -40° to +60° C
  Class T3 minimal temperature (EN 12368),
  Class T1 maximal temperature (EN 12368),

REMOTE CONTROL

- Serial communication RS 485 - TCS protocol.

CERTIFICATION

- EN 60950-1:2006+AC:2011+A2:2013,
- EN 50293:2012,
- CE mark (approved to declare by TUV Rheinland).

CE

m.o.11.07.18

ElcomBgd d.o.o.
234 Ustanicka Str, 11050 Belgrade, Serbia, +381.11.34.75.211

elcomBgd