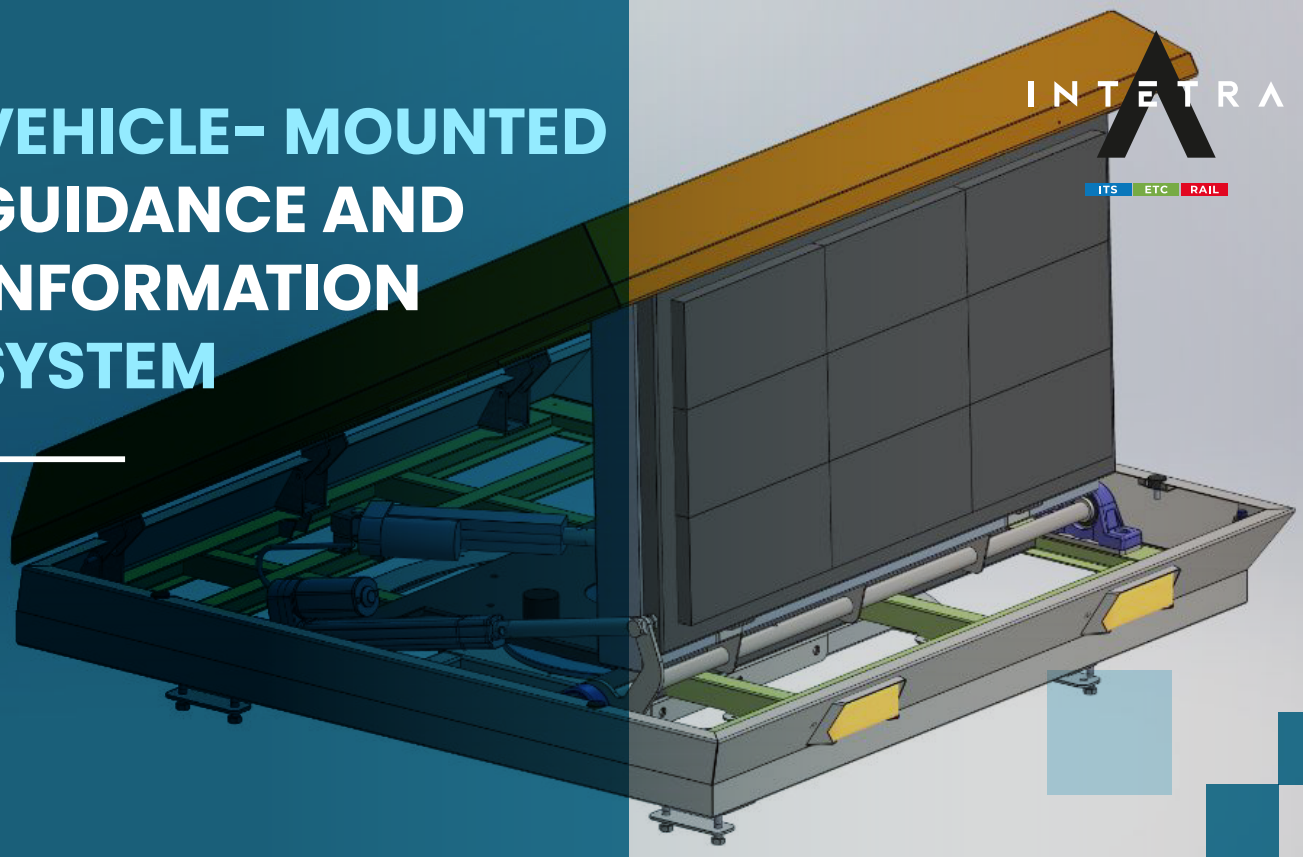
VEHICLE- MOUNTED GUIDANCE AND INFORMATION SYSTEM



VEHICLE- MOUNTED GUIDANCE AND INFORMATION SYSTEM

The system is designed to be mounted on patrol and security vehicles operating on highways, enabling quick intervention in various situations such as accidents, road maintenance, or roadside assistance. Its primary purpose is to enhance road and environmental safety to communicate written messages to other highway users through the Variable Message Sign (VMS), all without requiring patrol personnel to leave the vehicle.

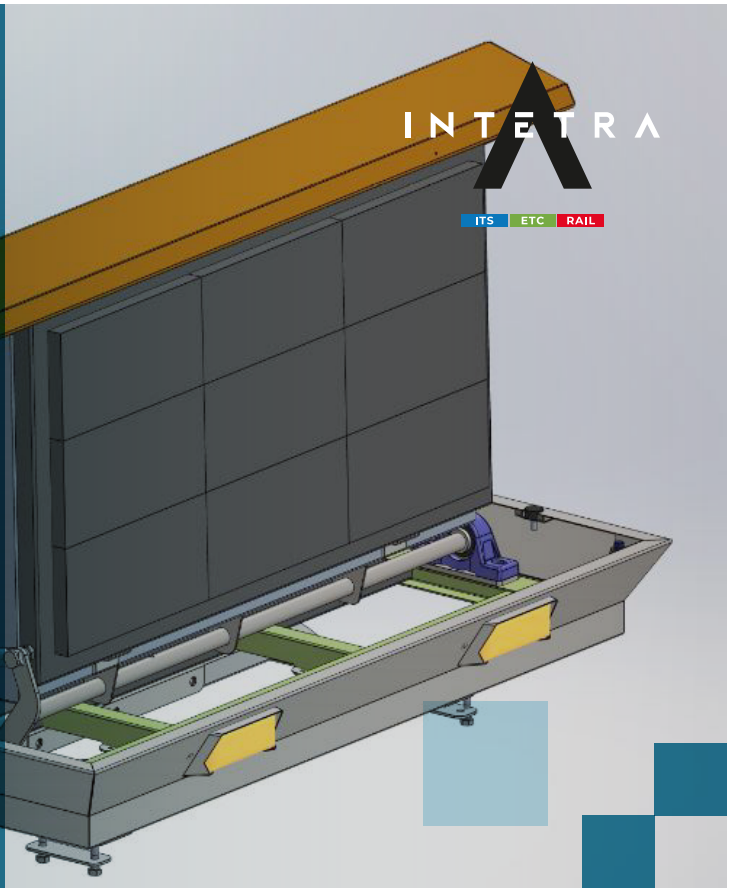
Features

- The frame is mounted on the roof of the vehicle using a screw system for easy assembly and disassembly.
- The system is powered by a battery located inside the vehicle.
- The linear actuators are industrial-grade and feature IP66 protection.
- The operator can control the entire system from inside the vehicle.
- The top of the device rotates left and right to provide a better viewing angle for road users.
- The user can connect to the device via Wi-Fi using a mobile application to add and configure the messages to be displayed on the VMS. Parameters such as message display order and duration can be selected from the application.
- If desired, visual messages (such as icons) can be displayed on the screen in addition to text.

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Araç Üstü VMS



Remote Access and User Interface

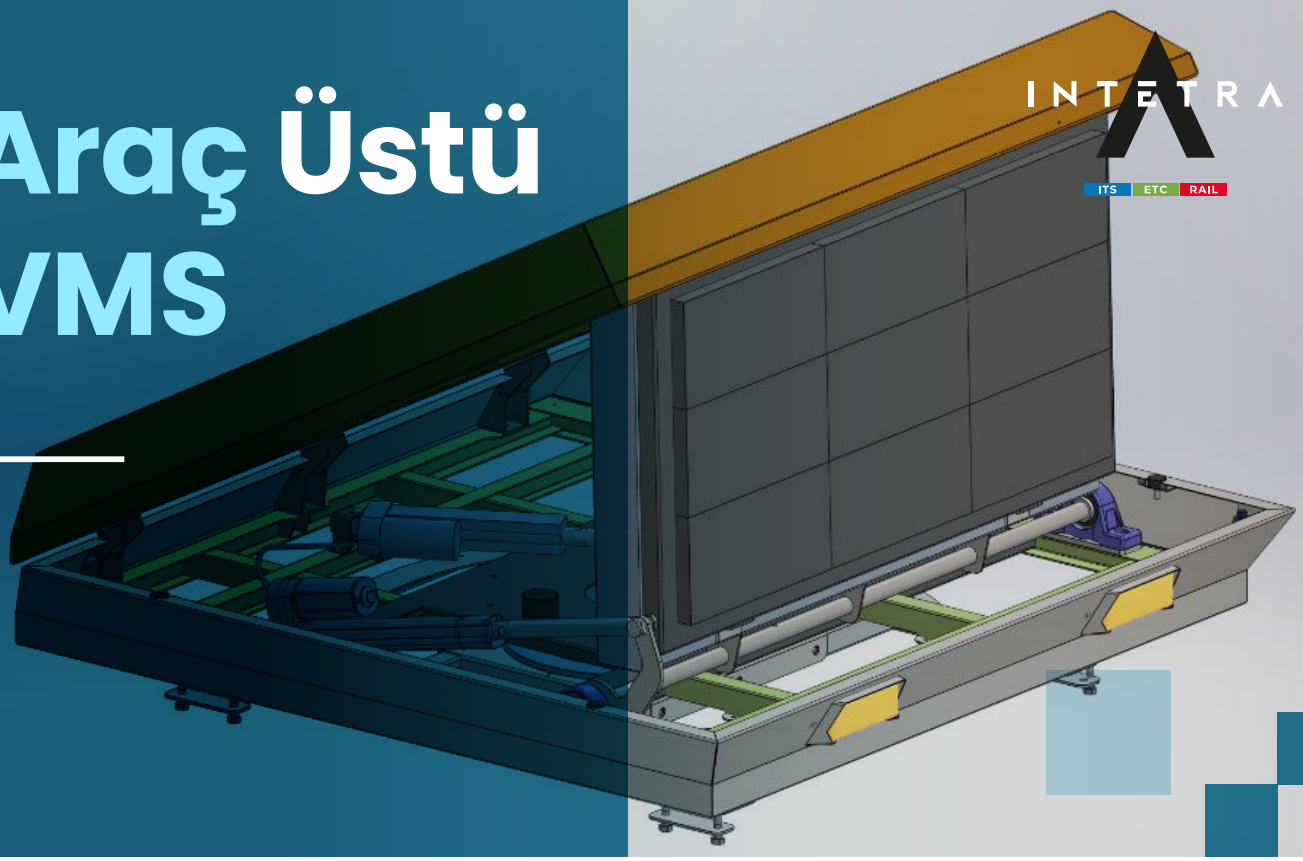
- The device can be accessed via any smart device (phone, tablet, etc.) through the Wi-Fi network generated by the system.
- A QR code located on the device allows users to quickly access the web interface by simply scanning it with their mobile device.
- After accessing the web interface, the user is welcomed by a main dashboard, providing fast and easy navigation to all submenus.
- System access and control functions are protected with password authentication and secure connection protocols to prevent unauthorized use.
- The user can preview selected symbols, texts, or graphics in real time on their mobile device, ensuring that the displayed message is correctly transmitted to the VMS.

Visual Performance Characteristics	
Dimensions:	960x480mm
Resolution:	96x48px
Pixel Pitch:	10mm (P10)
Max. Power Consumption	770W/m2
Nom. Power Consumption	400W/m2
LED type:	3 in 1 SMT RGB LED
Color:	16 gradation/ color – 65.536 color
Brightness:	7500nits/m²
Brightness Adjustment:	256 level
Viewing Angle:	140x140

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Araç Üstü VMS



Mechanical Specifications	
Carcass:	ALMG3 – Galvenize
Protection Class:	IP65
Dimensions (WxDxH):	1058x1052x288 mm (close) 1058x1052x727 mm (open)

Hardware Specifications	
LED Life:	>100.000 hours
Humidity Range:	%20-%95
Energy Requirements:	12VDC (Battery)

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