



DEVA VMS, Podgorica, Macedonia



DEVA VMS is backed by more than 20 years of experience in the design, production and installation of traffic signs with LED technology and a proven track record of product reliability and worldwide technological leadership.

The Bubbleface® technology used on the message display face of the DEVA VMS is manufactured according to the EN-12966 standards ensuring a high level of luminance and contrast. The displayed messages can contain high resolution text or full-color pictograms, thanks to the combination of top quality LEDs and a high-density pixel surface.

The DEVA VMS is highly reliable because of its integrated technology, control systems and alarm devices. Its flexibility allows the sign to adapt different means of communication and be implemented according to the local IP protocols.

Available Models:

Model	Character height (mm)	Number of lines	Characters/line	Resolution (pixels HxV)	Pixel pitch (mm)
DEVA 20	200	2/3	12, 16	8x10	20
DEVA 32	320	3	12, 16	11x16	20
DEVA 40	400	3	12, 16	14x20	20

IMAGO Traffic also offers, apart from its standard signs, a wide range of customized products to be defined closely with the client according to its needs that can be designed and manufactured to meet customer specifications.

Available options: one or two full-matrix areas that can be used to display a combination of pictograms or traffic code symbols.



#### Technical data

Display Area	High resolution
Pixel pitch	20mm
LED control	Individual
Optical parameters according to EN-12966	Luminance a L3 (L3*)
Beam Width	B1 to B7
Working temperature	- 40°C / +75°C
Contrast Ratio	R2, R3
Type of color	C2
Degree of protection	IP 55 - IP 66
Enclosure	Galvanized Steel / Aluminium
Front plate	Bubbleface. Low reflection and high contrast
Communications	Ethernet - TCP/IP - RS232/RS422/RS485. Others available.

#### Main Features

- High resolution display area.
- Monochrome, tri-color or full-color sign.
- Complies with EN12966 rule (EMC, enviromental, visual performance).
- Control pixel and failing detection for each pixel.
- System control using through embedded PC.
- Anti-reflective paint with the choice of color and thickness decreases the level of reflection.
- A wide range of standard pictograms and messages stored in a library. Ability to display customized messages.
- Sign structure meets EN-60598-1 standards.
- Long life LED's ensure a minimum of 100,000 working hours.
- Software driven messages allow flexibilty and the ability to adapt to any existing IP protocol.
- Automatic and continiuos regulation of luminance.
- The electrical and structural design allows an easy access and maintainance.
- Bubbleface technology assures minimum reflection amd maximum legibility of the message.

#### Options

Warning lights	Internal control and verification alarms of temperature, according to EN 12966 working temperature.
External Control Cabinet (ECC)	
GPRS, Bluetooth, UMTS, WIFI	Error identification alarms: Fan failure; low battery; power suppliers failure; open doors.
Batteries	