



## Chainzone Proposal for A1 Project

To :

Mr Vladas Steponkus of JSC "Maniga"

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## Technical specifications

<b>EN12966 P20 VMS</b>	
<b>Display specifications</b>	
Pixel Pitch :	20mm
-Colour:	Full colour (RGB)
-Pixel Configuration:	SMD+Optical lens design, full matrix
-Structure:	Modular design
-Module Resolution(pixels):	8x16
-Size of Module(mm)(HxW):	160x320
-Display Resolution(pixels)(HxW):	64x64
-Disply Area(mm)(HxW):	1280x1280
-Cabinet size(mm)(HxW):	1380x1380
-Language:	English and other languages available
-Refreshing Rate:≥	≥ 1000HZ
-Humidity Range:	20-95%
<b>LED Information</b>	
-Nominal work life for LED :	100,000 Hours
<b>Standard</b>	
Certificate	EN12966
EMC	Compliant with EN50293
<b>EN12966 Criterias</b>	
Luminance:	L3/L3*(Red>3100cd/m <sup>2</sup> ,Green>3720cd/m <sup>2</sup> Yellow>7400cd/m <sup>2</sup> ,White>12400cd/m <sup>2</sup> )
-Colour:	C2
-Contrast Ratio:	R3
-Beam Width:	B6
-Temperature:	T1/T2/T3
-Protection:	IP56(P3)
<b>EN12899 Criteria</b>	PAF1, WL9, DSL4, PL3, TDB1, TDT2
<b>Power</b>	
Average Power Consumption:	Less than 147.456W
Power supply	48 VDC or 230V AC
<b>Cabinet</b>	
Enclosure Material:	stainless steel
-Enclosure Surface:	Powder Coated, Matte Black
-Maintenance:	Front/Back Maintenance
-Weight:	116.17KG
<b>Other Components</b>	
Light sensor:	Two: front and back
Built-in Temperature Sensor	Yes
Surge Protection Device/ Over-voltage Arrester	Yes. ( Higher than 275 V, 15 kA)
Brightness Control	256, levels auto or manual control available
Open door sensor:	Included
Watchdog	Yes
Control System:	GMDV controller
Communication:	RS232/RS485, (additional options Ethernet,4G, NTCIP/Modbus/Profibus)
Internal memory:	At least 2048MB
Pixel failure detection	Yes
Shutting down the LED circuit fault;	Yes
LED controller fault;	Yes
Light sensor fault;	Yes
Connection with GVIS master controller disappearance;	Yes
The internal temperature;	Yes



**CHAINZONE TECHNOLOGY (FOSHAN) CO., LTD.**

Chainzone Industrial Park, Taishan Bei Rd., Sanshan Avenue, Nanhai District, Foshan City, Guangdong 528200 China  
Tel: 86-757-86393001 Fax: 86-757-86280189

### **Warranty Declaration**

To whom it may concern,  
Chainzone Technology (Foshan) Co.,Ltd hereinafter Chainzone is a professional manufacturer of EN12966 compliant VMS.

Hereby, Chainzone would like to confirm that we will cooperate with JSC "Maniga" for the installation of speed control and warning systems of the national road A1 Vilnius-Kaunas-Klaipeda section from 10,000 to 95,000 km (purchase number 451927). Chainzone will offer Three-year warranty of "in-house" factory repair or replacement for this project from the date shown on the bill of lading.

**Address:** Chainzone Industrial Park, Taishan Bei Rd.,  
Sanshan Avenue, Nanhai District, Foshan City,  
Guangdong Province 528200 P.R.China  
[www.chainzone.com](http://www.chainzone.com)

**Contact**



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## **Letter of Support**

To whom it may concern,

Chainzone Technology (Foshan) Co.,Ltd hereinafter Chainzone is a professional manufacturer of EN12966 compliant VMS.

Hereby, Chainzone would like to confirm that we will be responsible for offering technical, maintenance and spares support from the date we sign the contract of A1 project with JSC "Maniga" until December 31, 2029.

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**Contact**