

## VMS warning trailer ZSP-1.1\_01 LED R25 48x48RGB+48x64RGB

VMS warning trailer for flexible indication of road works is primarily used on highways and dual carriageways. The high intensity LEDs and high-quality optics enable very good visibility in all weather conditions. This warning LED trailer is also described as **Traffic device of advance warning**, Variable message sign trailer or VMS trailer.

- > strong one-axle trailer with hand brake, hot-dip galvanized
- > height adjustable drawbar with replaceable coupling device for ball ø50mm or as accessories pin DIN ø40mm or ø50mm
- > four side supports for stability while standing
- > trailer LED lighting with a 13-pin plug that can be connected to the towing vehicle with 12V as well as 24V onboard voltage
- > the trailer has no loading area, it has a lockable battery box (WxHxL) 400x350x1660mm for two batteries with a capacity of up to 12V/230Ah
- > LED boards can be lifted/lowered by a linear actuator that has a bolt enabling manual lifting or lowering in case of failure or emergency, the LED board frame is secured against wind pressure in the operating position
- > both the upper and the lower LED boards contain high-intensity LEDs and high-quality optics with anti-static lens
- > LED boards are **approved according to EN 12966-1**
- > the upper LED board consists of full-colour RGB LEDs **48x48pixel**, **25mm pixel pitch**, maximum size of symbol 1200x1200mm, the lower LED board consists of full-colour RGB LEDs **48x64pixel**, **25mm pixel pitch**, maximum size of symbol 1200x1600mm
- > LED luminous intensity is controlled automatically depending on the surrounding light or it can be controlled manually
- > wireless (radio) remote control with graphic display shows all operational information, it can also be connected with cable
- > symbols on both LED boards **are user programmable**, new symbols or texts can easily be created and uploaded into the device
- > total capacity of the system is **1500 traffic sign symbols, other symbols or texts**
- > every symbol and animation can be combined with every text
- > to attract more attention, the symbols can be **flashing 15-60 times a minute**, two symbols can alternate, or a **simple animation** can be



displayed

## TRAILER VARIANTS

- > remote monitoring and controlling of the trailer via GPRS and GPS location tracking
- > power supply from fuel cell battery charger
- > total weight of the unbraked trailer can be between 550kg and 750kg
- > trailer also available with overrun device where the total weight can be between 550kg and 1000kg
- > one full-sized spare wheel



OTHER SIZES AND PARAMETERS OF THE LED BOARDS ARE AVAILABLE UPON YOUR REQUEST

## TECHNICAL DATA

Total weight	750kg
Trailer weight	495kg
Payload	255kg
Overall length	4450mm
Overall width	1700mm
Transport height	1700mm
Operational height	3985mm

## PRODUCTS

Order no.	Product name	Quantity
1-030-000820	<b>VMS warning trailer ZSP-1.1_01 LED R25 48x48RGB+48x64RGB</b>	1 pc.

## ACCESSORIES

Order no.	Product name	Quantity
1-035-015052	<a href="#">NZSP-1_01 Set of two warning LED lamps VLSU-2 LED</a>	1 pc.
2-890-010020	<a href="#">Battery 12V/180Ah</a>	1 pc.
2-895-092300	<a href="#">ZSP_01 Battery charger 12V/30A</a>	1 pc.
2-895-101120	<a href="#">Adapter 7 to 13 pins 12V</a>	1 pc.
3-500-99001000	<a href="#">Spare wheel R13</a>	1 pc.

4-300-13002100	<a href="#">Eye end D40 3000kg</a>	1 pc.
4-300-13002200	<a href="#">Eye end D50 3000kg</a>	1 pc.