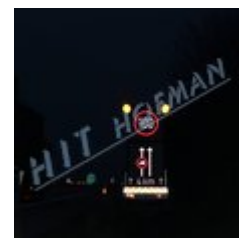


VMS warning trailer ZSP-1.1_10 LED R20 64x64RGB+64x80RGB

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 **64x64pixel**, **20mm pixel pitch**, maximum size of symbol 1280x1280mm, the lower LED board consists of full-colour RGB LEDs **64x80pixel**, **20mm pixel pitch**, maximum size of symbol 1280x1600mm
- > 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 650kg and 750kg
- > trailer also available with overrun device where the total weight can be between 650kg and 1000kg
- > one full-sized spare wheel



OTHER SIZES AND PARAMETERS OF THE LED BOARDS AVAILABLE UPON REQUEST.

TECHNICAL DATA

Total weight	750kg
Trailer weight	536kg
Payload	214kg
Overall length	4560mm
Overall width	1790mm
Transport height	1705mm
Operational height	3915mm

PRODUCTS

Order no.	Product name	Quantity
1-030-000850	VMS warning trailer ZSP-1.1_10 LED R20 64x64RGB+64x80RGB	1 pc.

ACCESSORIES

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

4-300-13002100	Eye end D40 3000kg	1 pc.
4-300-13002200	Eye end D50 3000kg	1 pc.