



NobTra
Traffic Light Manufacturers

Solar Portable Mobile Trailer VMS

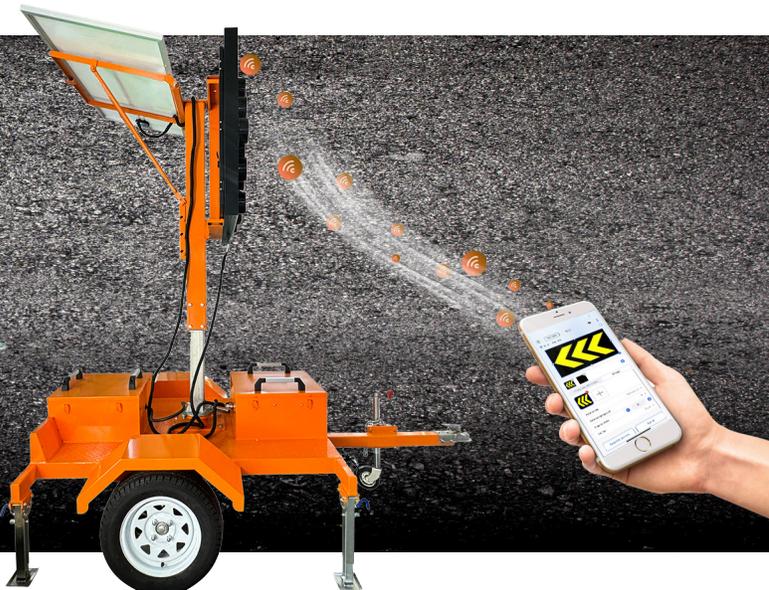
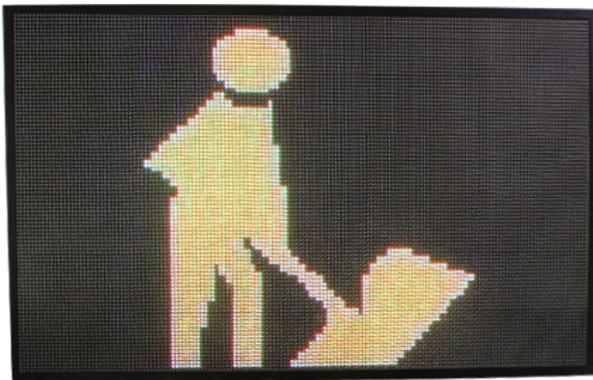
MODEL:NBST-VMS

The Noble outdoor VMS adopts cold-rolled iron body, equipped with solar panels, lifting system and rotating system that can rotate 270 degrees. The solar trailer traffic sign can be set with various dynamic information signs and trailer information signs through the APP, providing the most effective solution. The product is widely used on roads to curb traffic congestion, remind vehicles to detour on construction roads, and remind drivers to wait for students to pass through the road on school roads. On the other hand, it can also provide attractive promotional advertisements, discounts, and some upcoming special events for retail stores and shops. Supports modifying text in both APP and PC software, and can display different text, symbols, animation speed limits, etc

The Noble VMS trailer is equipped with a hydraulic telescopic rod that can rotate 270 degrees. The trailer works through solar energy, so it does not cause any noise and is very suitable for outdoor use. At present, the existing size use P10 outdoor full-color module and 5-color LED display screen. VMS can be easily managed and set through PC, tablet PC or mobile APP, and can display many different texts, animations, texts, multiple languages, images and videos, making information stand out. The trailer structure is designed with extendable manual supports and jacks installed at the four corners of the chassis, ensuring safety and stability

FEATURES

- ▶ Energy saving and environmental protection, "0" noise, "0" pollution;
- ▶ Mast lifts safely and reliably;
- ▶ Easy operation and maintenance;
- ▶ Quick and easy deployment;
- ▶ Compact structure for long distance transportation;
- ▶ Lifiable height: Minimum height: 1980mm Maximum height: 2780mm
Lifting distance range: 800mm



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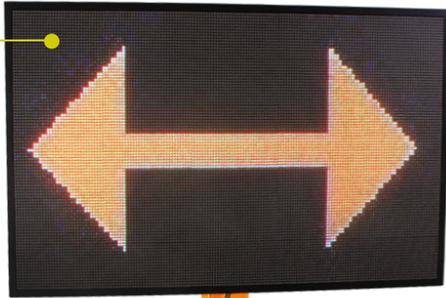
SOLAR PORTABLE MOBILE TRAILER VMS

VMS

(Variable Message Sign)



Remote Control



Hydraulic lifting rod

Hydraulic start system box

300AH Battery box

Trailer Body

16inch(520MM) diameter wheel

jack

Tow bar

jack

300W solar panel



Solar panel bracket

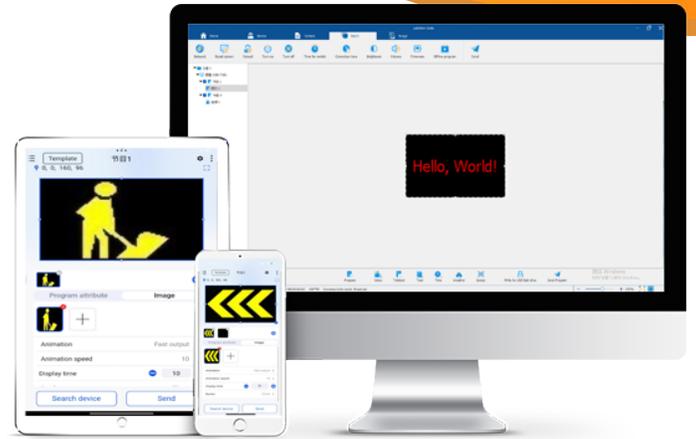
Solar panel lifting position

Tail lights

Tail lights

jack

jack



VMS Display Screen Parameters:

- ▶ Dimensions (height x width in): 1660 x 1020 mm
- ▶ Screen resolution (height x width): 160 x 96 pixels
- ▶ Display color: Full color (red, green, blue, white, etc.)
- ▶ Pixel spacing (mm): 10
- ▶ Module type: P10 outdoor waterproof screen
- ▶ Module brightness: $\geq 8000\text{cd/m}^2$
- ▶ Pixel composition: 1R1G1B Red: Jingyuan , Green: Shilan, Blue: Shilan
- ▶ Single LED rated current luminous intensity: R: 800mcd, G: 2500mcd, B: 450mcd
- ▶ Viewing angle: 110 degrees horizontally, 50 degrees vertically
- ▶ Display content: text, images, GIF, video
- ▶ Parameter settings: Supports Android (APP), Apple (IOS), PC (PC)
- ▶ Rated voltage: 24V
- ▶ Whole machine power consumption: $\leq 1060\text{W}$
- ▶ Temperature range: $-20^\circ\text{C} \sim +60^\circ\text{C}$
- ▶ Protection level: IP 54
- ▶ Lifespan: 100000 hours
- ▶ Communication methods: Ethernet or WIFI

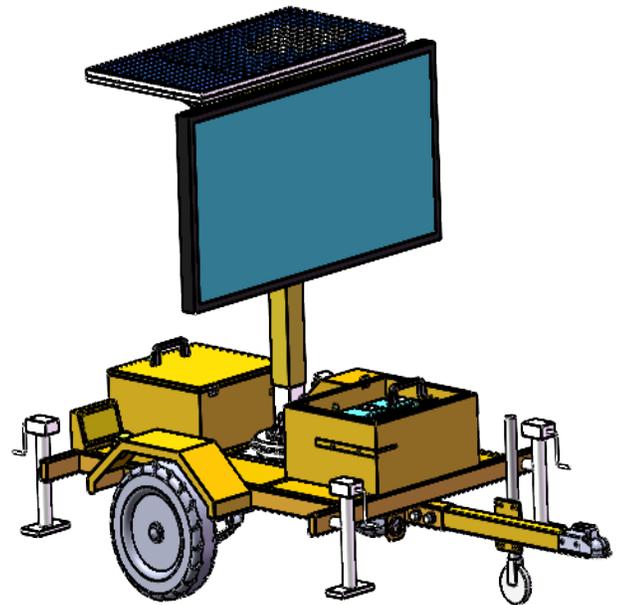
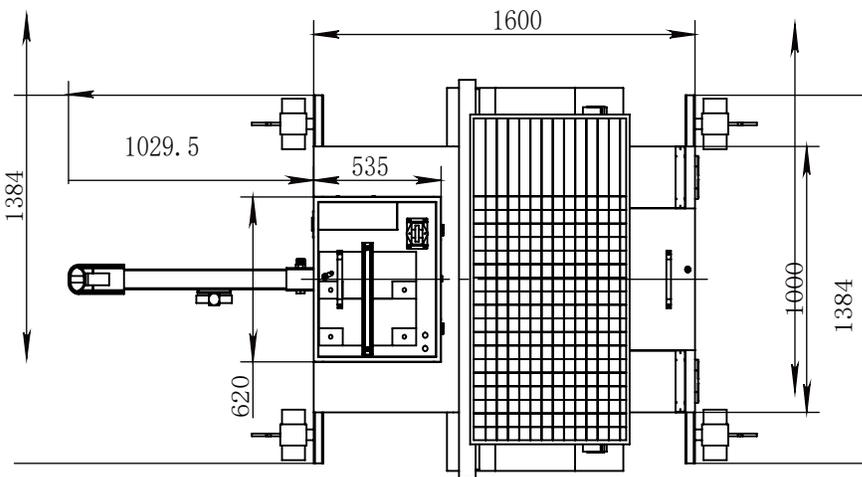
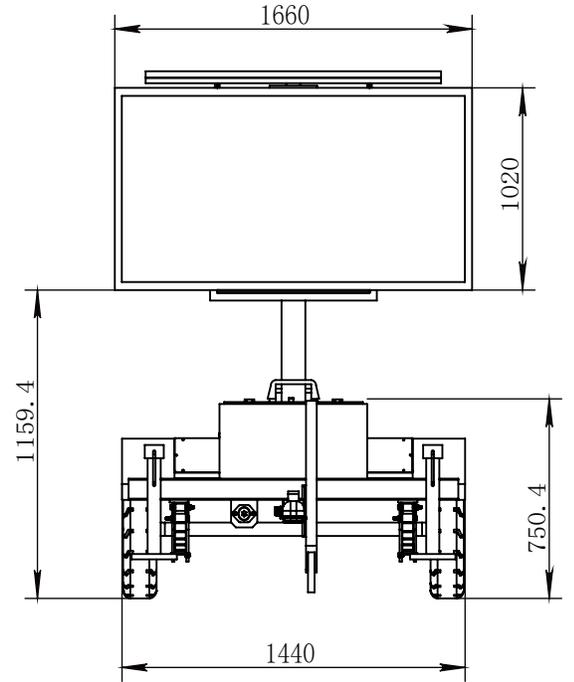
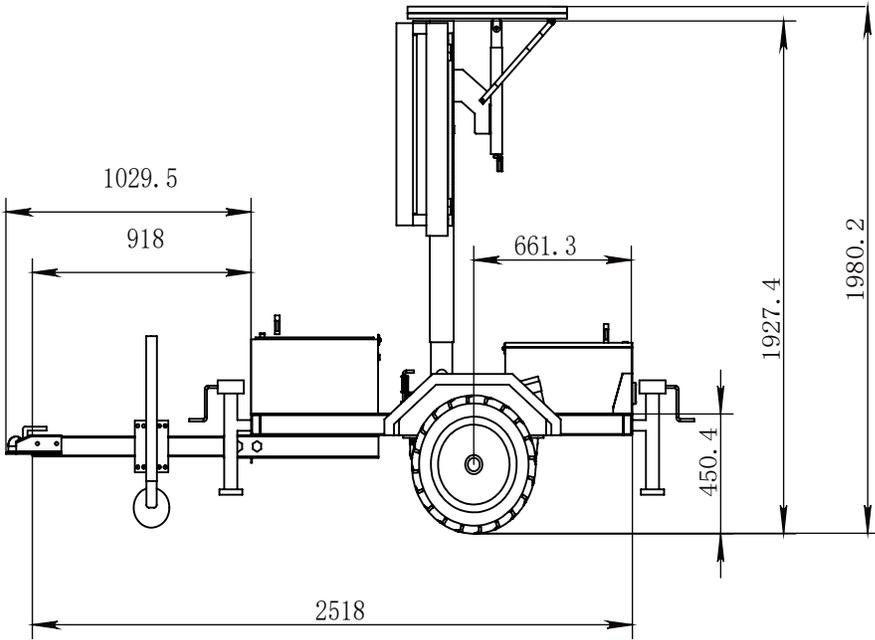
Trailer specifications

- ▶ Trailer width (mm): 1440MM
- ▶ Trailer length (including tow bar): 2518MM
- ▶ Lifting system: hydraulic
- ▶ Minimum height of the trailer: 1980mm
- ▶ Maximum height of trailer lifting: 2780mm
- ▶ Range of lifting distance: 800mm
- ▶ Powder coating color: Orange/Yellow
- ▶ Wheel size: 16 inches
- ▶ VMS board rotation angle: 270 degrees
- ▶ Standard battery capacity: 2 x 150AH (total 300AH)
- ▶ Standard solar panel : 2 x 150W (total 300W)
- ▶ Taillight: Yes
- ▶ Solar charging: Yes
- ▶ Trailer material: cold-rolled iron
- ▶ Rust prevention treatment: electrostatic spraying
- ▶ Jack: 4 pieces
- ▶ Weight (excluding panels): About 640kg

MODEL:NBST-VMS

SOLAR PORTABLE MOBILE TRAILER VMS

SIZE:



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Application:

NobTra Trailer mounter arrow board is suitable for use as a warning sign in construction sites, highways to further improve safety between workplaces.

