

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

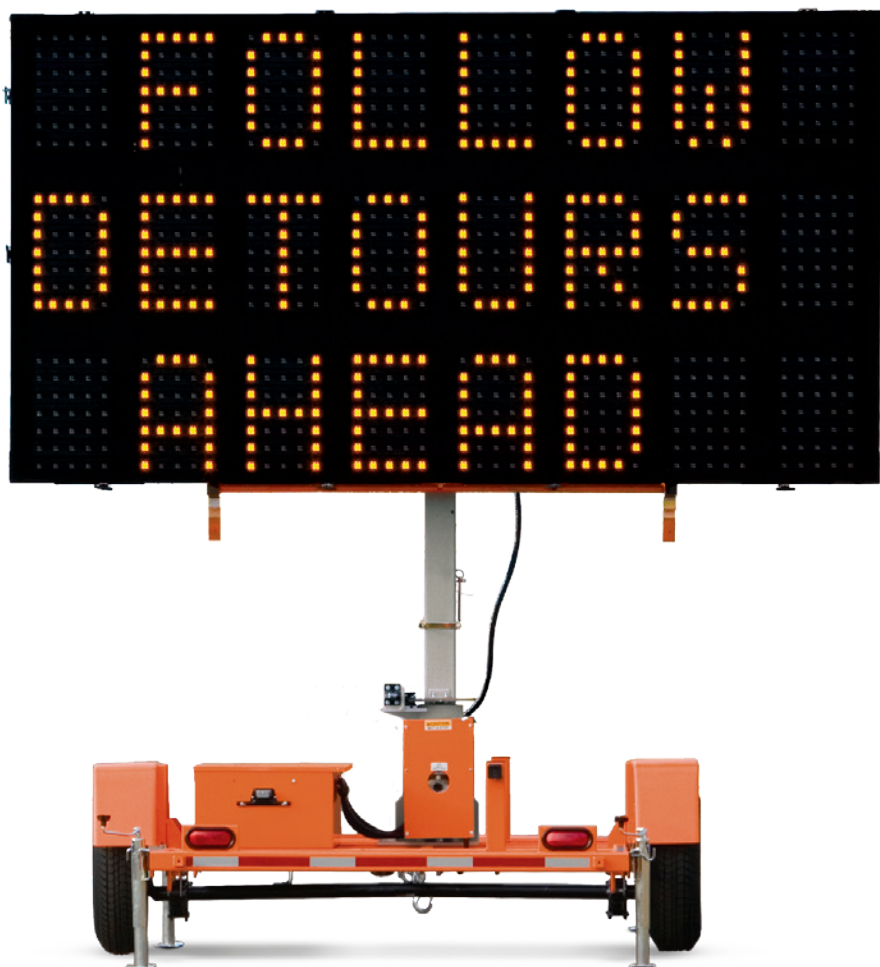
Россия (495)268-04-70

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Казахстан (772)734-952-31

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

<http://wanco.nt-rt.ru> | | wca@nt-rt.ru



- Easiest programming in the industry
- Capacitive touchscreen controller
- Intuitive interface with larger buttons
- Safer programming at eye level
- Multi-level password protection
- Out of reach of the casual hacker
- Better traffic visibility
- Less external wiring
- NTCIP compliant



In-Cabinet Controller
(location shown below)

- Durable powder-coat finish, custom colors available
- Standard tow hitch and removable drawbar
- Low power consumption and more uptime
- Solar-charged deep-cycle batteries
- Cooling fans overheat protection
- Standard 15-amp AC charger included
- Energy efficient and superior performance
- Preprogrammed, custom and MUTCD graphics
- 360° display rotation for optimal positioning
- For optional equipment, contact factory



The safest means for notifying motorists of changes in traffic patterns and road conditions.

Wanco Message Signs are the ideal choice when you need to get information to the public. Full-size signs provide versatility and great performance.

Full-matrix signs provide the greatest flexibility for displaying any type of message—large or small letters, symbols, graphics. Graphics and text can be combined in the same message.

Three-line message signs are capable of displaying three rows of alphanumeric characters. The ultra-bright, highly legible LEDs display your message clearly.

Changing the message is simple, as Wanco signs feature the easiest programming in the industry. The in-cabinet controller has a 7-inch LCD capacitive touchscreen.

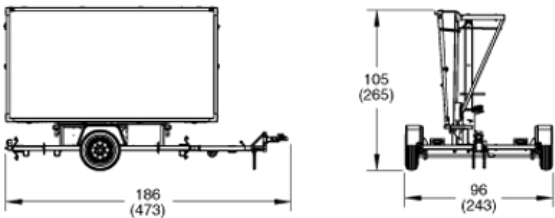
Signs come configured with preprogrammed standard messages. Multiple programming options provide flexibility for multiple applications.

Unsurpassed quality, engineering and value, paired with a multitude of functions and options, make these signs perfect for a wide variety of applications.

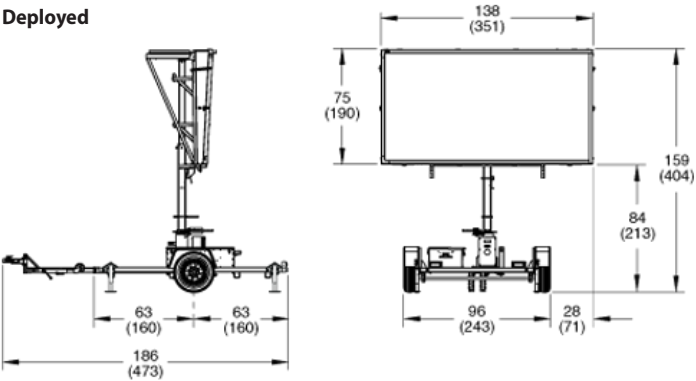
Meets NEMA TS 4-2005 Section 2 for ambient temperature, vibration, shock, electro-static discharge (ESD), and radio interference.

Dimensions in Inches (cm)

Travel position



Deployed



Weight Approx. 2640 lbs. (1193 kg)
Tires ST205/75 D15

Matrix Signs

- WTMMB(A) Hydraulic lift
- WTMMB(B) Manual winch

Display

Resolution	Four amber LEDs form each pixel
Matrix	48 pixels wide, 27 pixels high
Fonts	12 fonts, selectable
Default font	5 x 7 pixels 3 lines of 8 characters max.
Default font size	11 x 16 in. (28 x 42 cm)

Power

Batteries	Four 6 Vdc deep-cycle batteries wired for 12 Vdc power
Battery capacity	430 Ah total capacity @ 12 Vdc
Solar panels	130 W minimum
Power options	Additional batteries, 4D AGM batteries and solar panels

Three-Line Signs

- WTLMB(A) Hydraulic lift
- WTLMB(B) Manual winch

Display

Resolution	Four amber LEDs form each pixel
Font	1 font 5 x 7 pixels 3 lines of 8 characters per line max.
Font size	12 x 18 in. (30 x 45 cm)

Power

Batteries	Four 6 Vdc deep-cycle batteries wired for 12 Vdc power
Battery capacity	430 Ah total capacity @ 12 Vdc
Solar panels	130 W minimum
Power options	Additional batteries, 4D AGM batteries and solar panels

Mini Message Signs

Full-Matrix and Three-Line



The same high visibility and legibility as our full-size signs, but with smaller footprint

- Energy efficient with superior performance
- Choose matrix or three-line message display
- Full-color touchscreen controller
- Preprogrammed, custom and MUTCD graphics
- Easiest programming in the industry

Wanco® Mini Message Signs are 30% smaller than our full-size signs, making them highly maneuverable and easy to deploy.

Choose the sign that's right for your application. Wanco Mini Matrix Signs feature a full matrix of highly legible, ultra-bright LEDs to display graphics, text or a combination of both. Wanco Mini Three-Line Signs are designed for text messages of up to eight characters per line. For optimal positioning, the display cabinet rotates independent of the trailer. Raise and lower the sign with the standard hand-operated winch or optional hydraulic lift.

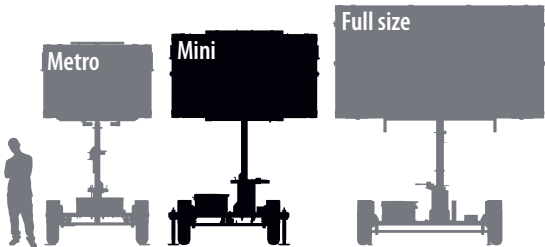
All signs feature Wanco's capacitive touchscreen interface for the easiest programming in the industry. Large virtual buttons are easy to see and select. The touchscreen has nearly instantaneous response and an intuitive menu structure that makes easy work of choosing and setting new messages.

Options include the Wanco Traffic Data Classifier System, Modem Package with GPS, Fleet Manager, Asset Tracker and radar-based speed detection.



- Lockable weathertight control box located on back of display cabinet
- No external wiring from controller to sign
- Safer programming at eye level
- Better traffic visibility
- Out of reach of the casual hacker
- Capacitive touchscreen controller features intuitive full-color interface with large virtual buttons
- Multi-level password protection prevents unauthorized access
- NTCIP compliant

Brief specifications		
Deployed footprint, W × L	143 × 96 in (362 × 244 cm)	
Sign cabinet size, W × H	96 × 55 in (244 × 140 cm)	
Operating height	142 in (361 cm)	
Travel height	103 in (262 cm)	
Weight, approx.	1580 lb (717 kg)	
	Matrix Model WVTM	Three-Line Model WVT3
Display	48 × 27 pixels	3 lines of 8 characters
Fonts	12 fonts	1 font
Default font	12.6 in., 5 × 7 pixels per character 3 lines of 8 characters maximum	15 in., 5 × 7 pixels per character 3 lines of 8 characters maximum
Power	Batteries, solar	Batteries, solar



Metro™ VMS

Compact Variable Message Signs



Small footprint, energy efficient and superior performance.

Easy to maneuver and deploy in urban areas, where traffic is heavy and space is limited.

- Energy efficient and superior performance
- Full-matrix message display available in two sizes
- Small footprint, fits nearly anywhere
- Preprogrammed, custom and MUTCD graphics
- Easiest programming in the industry

Metro™ Variable Message Signs feature a full matrix of high-efficiency LEDs for reduced energy consumption, superior performance and outstanding legibility. The display can present messages as text, graphics or a combination of both. Preprogrammed messages include MUTCD graphics and bold arrows.

The compact Metro trailer is easy to maneuver and deploy, particularly in urban areas where traffic is heavy and space is limited. For optimal positioning, the display cabinet rotates independent of the trailer, and its height is fully adjustable with a hand-operated winch. Metro signs use our touchscreen interface for the easiest programming in the industry.

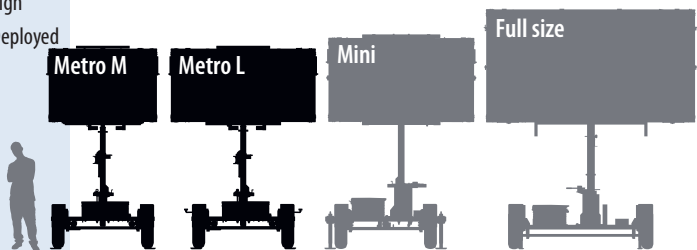
Options include the Wanco Modem Package with GPS, radar-based speed detection, the Wanco Traffic Data Classifier System and remote control with Wanco Fleet Manager. Additional solar panels and batteries are also optional.

Brief specifications

	Model WVTMM-L	Model WVTMM-M
Deployed footprint, W × L	68 × 55 in (172 × 139 cm)	68 × 55 in (172 × 139 cm) Sign
cabinet size, W × H	96 × 48 in (244 × 122 cm)	71 × 48 in (180 × 122 cm) Deployed
height	134 in (340 cm)	134 in (340 cm)
Travel height	92 in (232 cm)	92 in (232 cm)
Weight, approx.	1500 lb (680 kg)	1400 lb (635 kg)
Tires	15-inch	15-inch
Display	60 × 30 pixels	48 × 30 pixels
Fonts	12 fonts	12 fonts
Default font	12 in, 5 × 9 pixels per character 3 lines of 10 characters maximum	12 in, 5 × 9 pixels per character 3 lines of 8 characters maximum
Power	Batteries, solar	Batteries, solar



- Capacitive touchscreen controller located on back of display cabinet
- Intuitive full-color interface with large “buttons”
- Safer programming at eye level
- Better traffic visibility
- Multi-level password protection and lockable control box
- Out of reach of the casual hacker
- NTCIP compliant

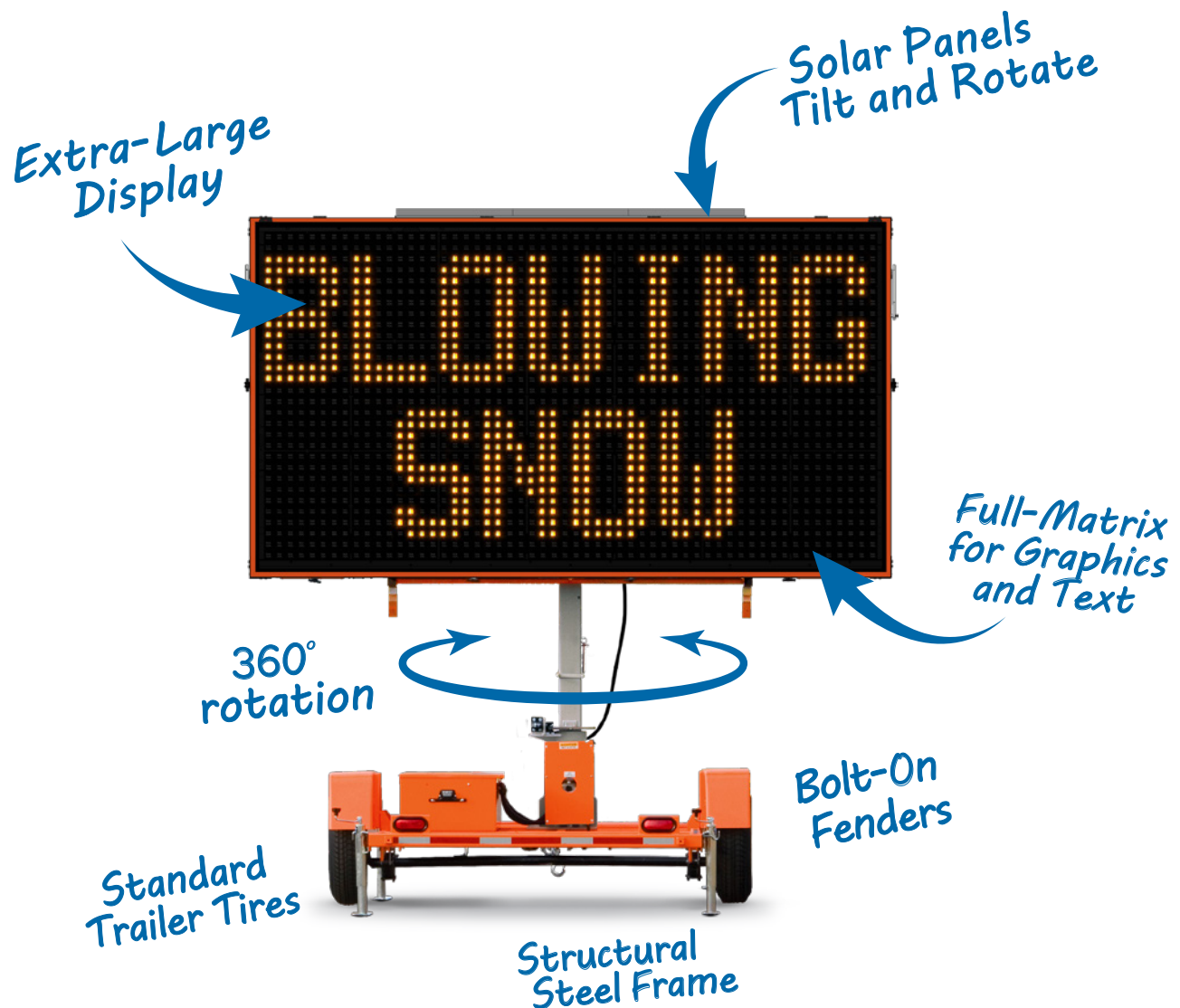


- Compact Metro trailer is easier to maneuver than full-size signs and fits just about anywhere
- Standard tow hitch and removable drawbar
- Meets NEMA TS 4-2005 Section 2 for ambient temperature, vibration, shock, ESD and RFI



Wanco® Full-Matrix Portable Variable Message Sign

- Full-matrix display for text and graphics
- Large 56 x 30 display is MTO approved
- Battery powered and solar charged
- Fully NTCIP compliant
- Free access to Wanco Fleet Manager



Features

Display

- Full-matrixl
- Up to 3 lines of 12 characters per line
- 4 LEDs per pixel, optical lens with 30° viewing angle
- 18-inch (46cm) default font
- Display sign rotates 360 degrees
- Plug & play display modules
- Intelligent display with pixel detection

Programming

- Fully NTCIP compliant
- Fully MTO compliant
- Touchscreen controller
- Three levels of password protection
- Store up to 150 changeable messages
- Easy integration with other software
- English and French language packs
- Large selection of fonts with individual character sizing
- Automatic font selection for special characters

Power system

- Silent operation
- Solar panels automatically charge batteries
- Solar array tilts and rotates
- Solar regulator with battery-overcharge protection
- Choose from a variety of solar and battery power options

Options

- Wanco Fleet Manager
- GPS tracking
- Speed-detection radar
- Adjustable pintle hitch
- Data logging capabilities

Brief specifications

Display

Resolution	Four amber LEDs form each pixel
Matrix	56 pixels wide, 30 pixels high, 1680 pixels total
Fonts	Up to 12 fonts depending on language pack
Default font	Standard MTO-2 font 18.2 in. (462mm), 8 x 10 pixels per character 3 lines, max. 12 characters per line

Construction

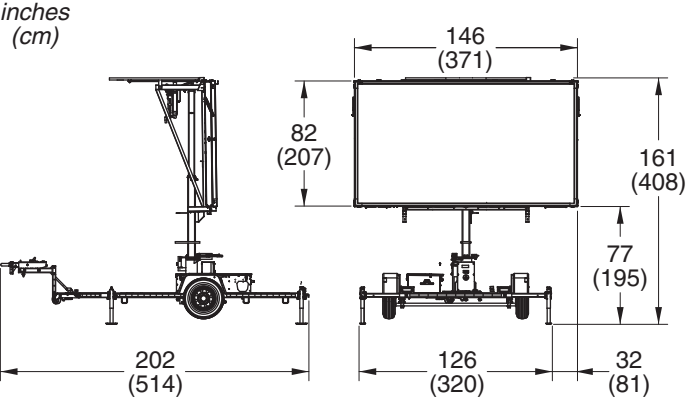
Trailer	All welded structural steel
Display cabinet	Aluminum sheet and welded channels
Finish	Powder-coated and oven-baked
Hydraulics	Hydraulic lift raises display cabinet, operated with toggle switch
Axle assembly	5200 lb. (2359kg) capacity with 6-on-5.5" B.C. idler hub
Tires	ST205/75D15 trailer tires

Power*

Batteries	Four 12-volt 4D AGM batteries
Battery capacity	800 Ah total
Remote charger	75 A
Solar panels	390 W

**Standard power; many options available. Contact factory for details.*

Dimensions



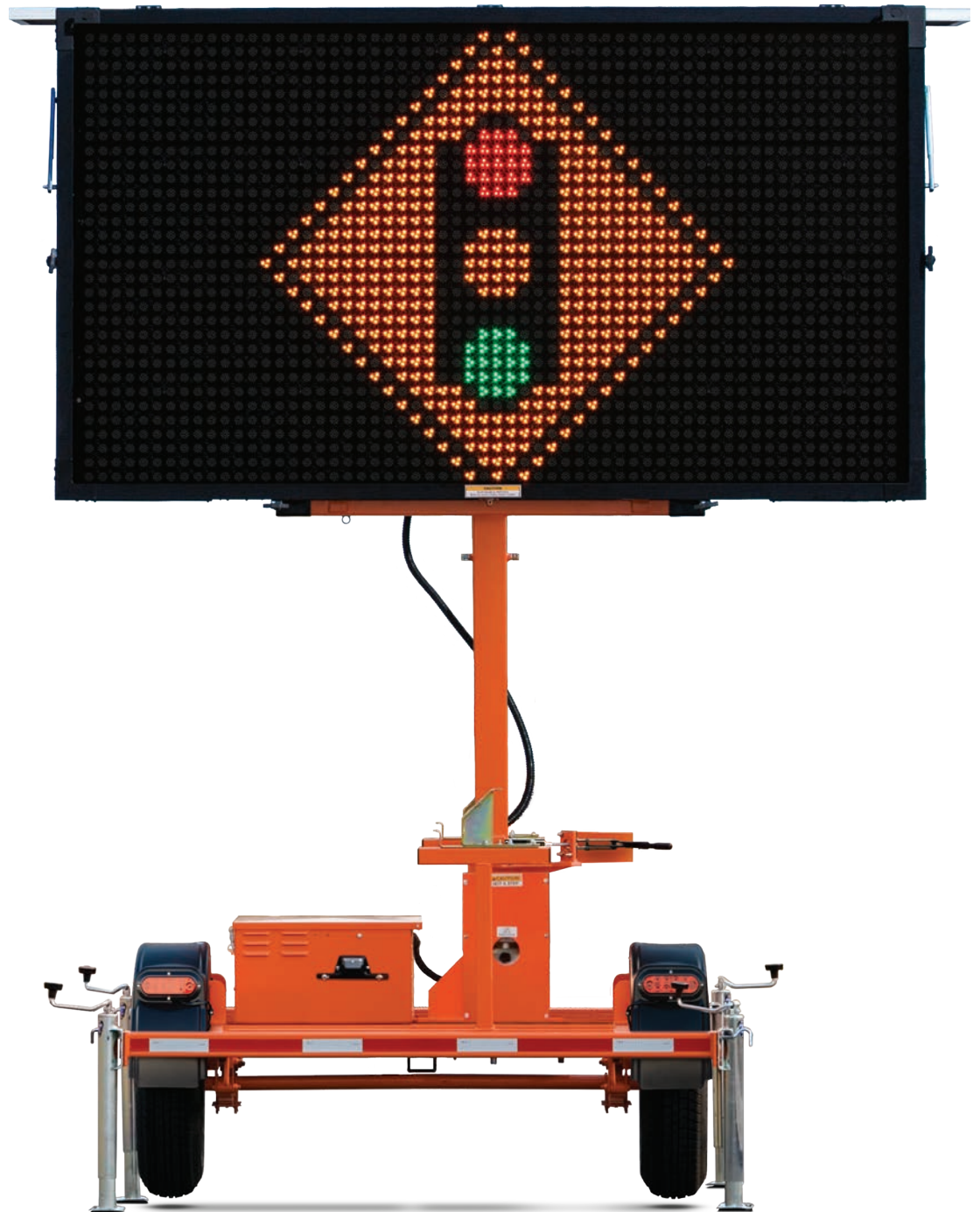
Travel height: 114 in. (290cm)

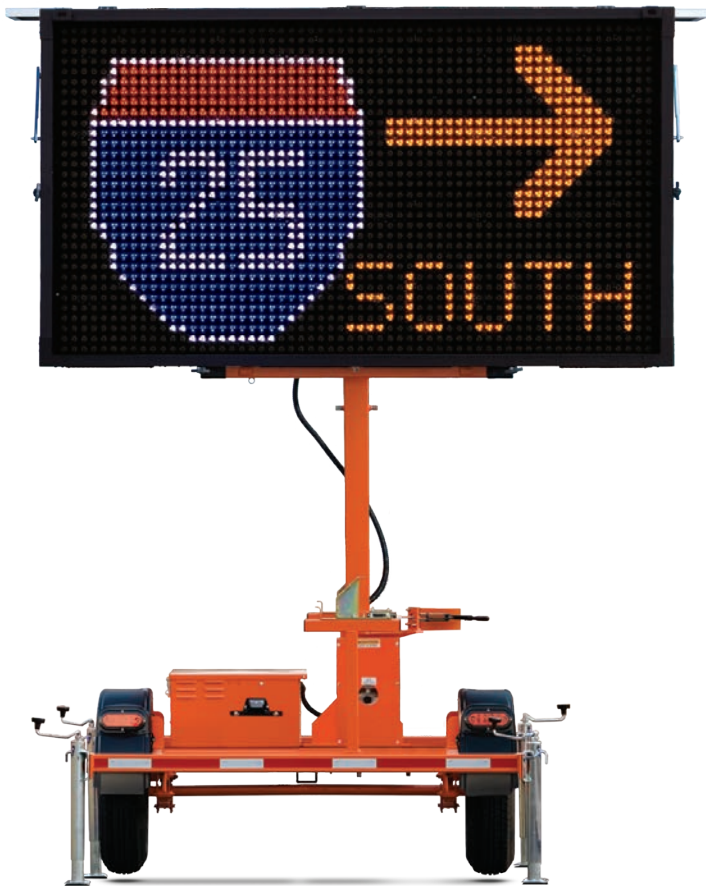
Weight

Approx. 3800 lbs. (1723kg)

5-Color Message Signs

Fully Customizable Graphic and Text Messages





- Five-color full-matrix display
- Create custom messages with Wanco software
- Combine colored text and graphics
- Touchscreen controller with intuitive interface
- High-security battery box
- Maintenance-free batteries

With a full matrix of color LED pixels, Wanco® 5-Color Message Signs let you create messages like you never could before.

Using Wanco computer software, you can create and combine graphic images with text to make bright, colorful messages that stand out. Design your own symbols and import your corporate logo. Add text, make multiple message screens and even create simple animations.



Brief specifications

Display	60 × 32 pixels
Colors	Red, Blue, Green, Amber, White
Sign cabinet size	104 × 59 in (264 × 150 cm)
Deployed footprint	143 × 104 in (362 × 264 cm)
Deployed height	145 in (367 cm)
Travel height	104 in (264 cm)
Weight, approx.	1763 lb (800 kg)
Tires	15-inch

Maintenance-free batteries
 High-security battery box with puck locks
 Solar charging system with standard 45-amp charger
 260-watt solar power
 Computer software for designing messages
 Full-color 7-inch touchscreen controller
 Up to 12 built-in fonts
 Preprogrammed and MUTCD-standard graphics
 Custom graphics of your own creation
 NTCIP compliant

Truck-Mount VMS

Full-Matrix Variable Message Signs



New design is brighter and more legible, and more energy-efficient

- Full-matrix message signs available in two sizes
- Multiple fonts and graphics
- Touchscreen controller with intuitive interface
- Travel height under 14 inches

Wanco Truck-Mount Variable Message Signs feature high-efficiency LEDs for reduced energy consumption, superior performance and outstanding legibility.

The full-matrix display can present messages as text, graphics or a combination of both, for mobile applications such as road striping convoys, pothole repairs, snow removal, road sweeping and crash cushion (TMA) trucks.

For ease of use, these signs feature our touchscreen controller with full-color interface. The controller is installed inside the cab, and every screen shows the message currently displayed on the sign.

Wanco Truck-Mount Signs are also versatile and dependable, subjected to independent vibration testing for the equivalent of more than 100,000 miles.

An integrated low-profile tilt-frame raises and lowers the sign using an electric actuator, which is operated from inside the cab. In travel position, the sign and compact frame are under 14 inches in height.



Touchscreen controller

Basic specifications		
	Model WVMBM-3LP	Model WVMBM-2LP
Display	48 x 30 pixels	48 x 20 pixels
Sign cabinet size	72 x 49 in. (183 x 124 cm)	72 x 36 in. (183 x 91 cm)
Weight with tilt-frame	265 lbs. (120 kg)	220 lbs. (100 kg)
All models		
Interface	Controller with 7-inch color touchscreen	
Fonts	12-inch standard font-height Up to 12 fonts, from 4x5 to 11x23 pixels, depending on model	
Graphics	Preprogrammed, custom and MUTCD-standard, including bold arrows	
Standards	Meets MUTCD	



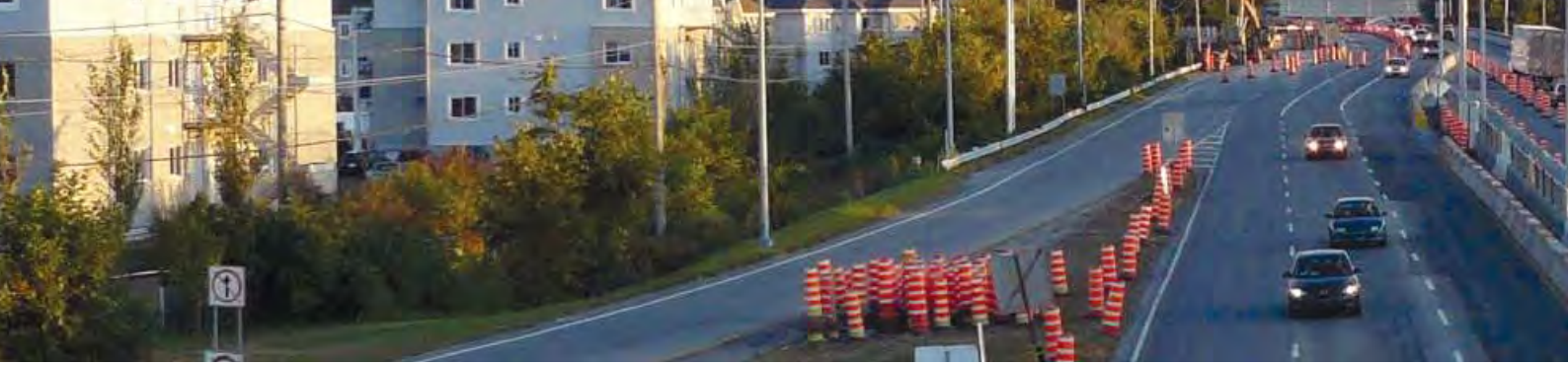
Travel position

EU-Series

Portable Variable Message Signs



Wanco EU-Series Variable Message Signs feature a reliable, highly legible, full-matrix display for providing information to motorists. Designed for international use with a choice of several languages, the environmentally friendly EU-Series is compact, portable and easy to use.



Warn of traffic congestion, accidents, incidents, roadwork zones and more.

- Bright, highly legible full-matrix display
- Messages displayed in local language
- Energy efficient, clean and silent
- Battery powered and solar charging
- Simple to programme
- CE compliant



Wanco portable variable message signs are the ideal choice when you need to get information to the public. The full matrix allows the greatest flexibility for displaying any type of message—text, symbols and graphics.

EU-Series message signs use state-of-the-art technology to achieve the best visibility and the least power consumption of any portable variable message signs.

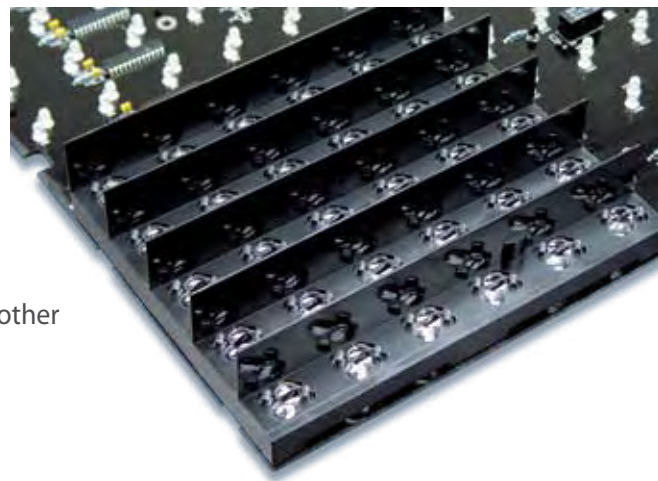
Wanco developed the EU-Series specifically for international use. Languages include Arabic, English, Hindi, Polish, Spanish and Russian.



Wanco's ultra-bright diodes allow the use of just two LEDs per pixel without sacrificing brightness.

The lens-and-visor assembly optically enhances luminosity and angularity. The result is less power consumption, longer battery life and extended run time, while maintaining superior legibility.

Character boards feature 5-mil silicone conformal coating, which provides long-term protection against moisture and other atmospheric contaminants.



Features

Setup

Signs weigh just 800kg and can be towed by most vehicles

Standard tow hitch for easy transport

Wheel on tongue-jack for hand positioning

Hydraulic lift or heavy-duty hand-winch allows one person to easily raise and lower the message board

Tower rotates 360 degrees for optimal positioning

Single disk brake holds board in place during operation, and a cradle supports and holds board in travel position

Independent steel controller enclosure and steel battery box limit access and enhance security

Operation

Self-contained onboard controller does not require a laptop or external controller

Easiest programming in the industry for simple deployment

Preprogrammed text messages, symbols and graphics

Quick-reference instructions silkscreened on control panel include most commonly performed tasks

Languages include Arabic, English, Hindi, Polish, Spanish and Russian

Internal clock facilitates built-in schedule programming

Multiple alphanumeric fonts on matrix signs make messages clear and legible

Optical lenses and sunshades increase visibility and performance

Multi-level password protection limits access to control software

Control box can be locked to prevent unauthorized access

Standard, removable keyboard is easily replaced

Power system

Energy-efficient operation results in long run times

260-watt solar array charges batteries automatically, without intervention

Controller shuts down solar-panel charging system when batteries are fully charged, preventing damage

Unique system allows battery charging with solar panels and commercial power

Cooling fans protect sign cabinet and battery charger from overheating

Battery box can be locked to prevent unauthorized access

Maintenance

Individual character modules can be replaced easily

Vibration isolation mounts protect character boards

Standard 15-inch tires

Heavy-duty bolt-on steel fenders can be replaced if damaged

Durable powder-coat finish resists the elements, is UV-resistant and will not fade

Welded steel construction reduces maintenance

Standards compliance

CE compliant

Brief Specifications

Physical

Sign cabinet size	263 x 150cm, W x H
Deployed footprint	350 x 193cm, L x W
Operating height	367cm
Travel height	259cm
Weight, approx.	800kg
Tires	15-inch
Construction	Welded tubular steel frame Aluminium sheet sign cabinet Steel bolt-on fenders

Display

Pixel matrix	72 x 40, W x H 34.3mm pitch (240mm equivalent height)
Message display	From 1 to 4 lines of text, up to 10 characters wide, size range C
LED display colour	Class C2
Language options	Arabic, English, Hindi, Polish, Spanish, Russian

Programming

Interface	Integrated user interface with LCD and keyboard, same language options as display
Message memory	User-programmable messages, preprogrammed messages

Power system

Power supply	Battery powered with solar charging system
Environmental impact	No exhaust emissions
Batteries	900 AH battery-bank capacity
Solar	Two 130 W, 12Vdc solar panels
Charging	45A battery charger, 220Vac input
Battery life	Autonomous battery-only operation of 30 days

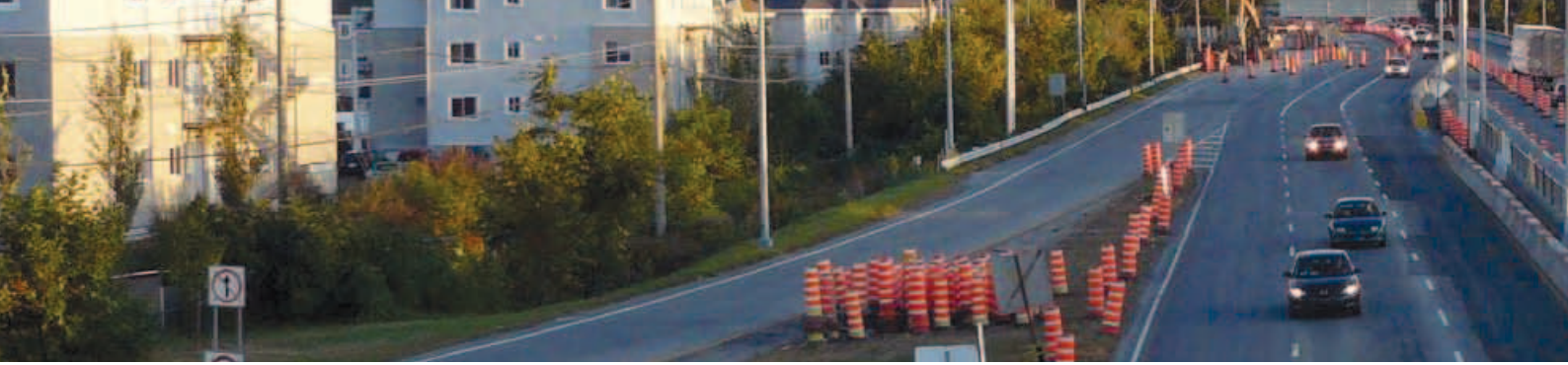
EU directives

CE durability	T2 D2 P2
Enclosure rating	IP 55

EU-Series

Portable Variable Message Signs





Warn of traffic congestion, accidents, incidents, roadwork zones and more.

- Bright, highly legible full-matrix display
- Messages displayed in local language
- Energy efficient, clean and silent
- Battery powered and solar charging
- Simple to programme
- CE compliant



Wanco portable variable message signs are the ideal choice when you need to get information to the public. The full matrix allows the greatest flexibility for displaying any type of message—text, symbols and graphics.

EU-Series message signs use state-of-the-art technology to achieve the best visibility and the least power consumption of any portable variable message signs.

Wanco developed the EU-Series specifically for international use. Languages include Arabic, English, Hindi, Polish, Spanish and Russian.



Wanco's ultra-bright diodes allow the use of just two LEDs per pixel without sacrificing brightness.

The lens-and-visor assembly optically enhances luminosity and angularity. The result is less power consumption, longer battery life and extended run time, while maintaining superior legibility.

Character boards feature 5-mil silicone conformal coating, which provides long-term protection against moisture and other atmospheric contaminants.

Features

Setup

Signs weigh less than 750kg and can be towed by most vehicles

Standard tow hitch for easy transport

Wheel on tongue-jack for hand positioning

Hydraulic lift or heavy-duty hand-winch allows one person to easily raise and lower the message board

Tower rotates 360 degrees for optimal positioning

Single disk brake holds board in place during operation, and a cradle supports and holds board in travel position

Independent steel controller enclosure and steel battery box limits access and enhances security

Operation

Self-contained onboard controller does not require a laptop or external controller

Easiest programming in the industry for simple deployment

Preprogrammed text messages, symbols and graphics

Quick-reference instructions silkscreened on control panel include most commonly performed tasks

Languages include Arabic, English, Hindi, Polish, Spanish and Russian

Internal clock facilitates built-in schedule programming

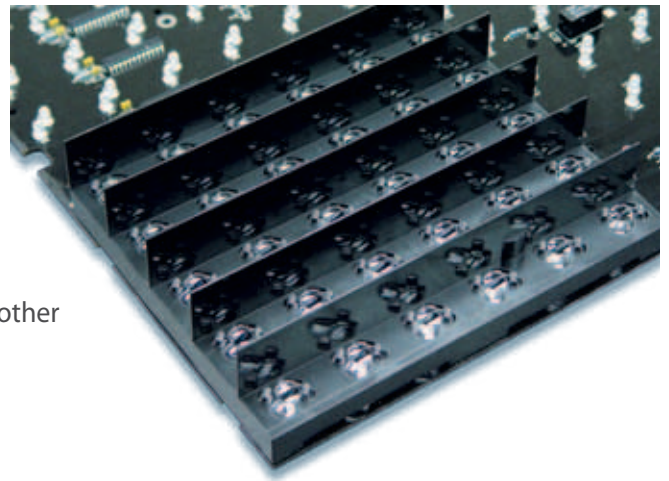
Multiple alphanumeric fonts on matrix signs make messages clear and legible

Optical lenses and sunshades increase visibility and performance

Multi-level password protection limits access to control software

Control box can be locked to prevent unauthorized access

Standard, removable keyboard is easily replaced



Power system

Energy-efficient operation results in long run times

130-watt solar array charges batteries automatically, without intervention

Controller shuts down solar-panel charging system when batteries are fully charged, preventing damage

Unique system allows battery charging with solar panels and commercial power

Cooling fans protect sign cabinet and battery charger from overheating

Battery box can be locked to prevent unauthorized access

Maintenance

Individual character modules can be replaced easily

Vibration isolation mounts protect character boards

Standard 15-inch tires

Heavy-duty bolt-on steel fenders can be replaced if damaged

Durable powder-coat finish resists the elements, is UV-resistant and will not fade

Welded steel construction reduces maintenance

Standards compliance

CE compliant

Brief Specifications

Physical

Sign cabinet size	263 x 150cm, W x H
Deployed footprint	350 x 193cm, L x W
Operating height	367cm
Travel height	259cm
Weight, approx.	743kg
Tires	15-inch
Construction	Welded tubular steel frame Aluminium sheet sign cabinet Steel bolt-on fenders
Finish	Oven-baked power coating, standard; galvanized steel, optional

Display

Pixel matrix	72 x 40, W x H 34.3mm pitch (240mm equivalent height)
Message display	From 1 to 4 lines of text, up to 10 characters wide, size range C
LED display colour	Class C2
Language options	Arabic, English, Hindi, Polish, Spanish, Russian

Programming

Interface	Integrated user interface with LCD and keyboard, same language options as display
Message memory	User-programmable messages, preprogrammed messages

Power system

Power supply	Battery powered with solar charging system
Environmental impact	No exhaust emissions Batteries 450 AH battery-bank capacity
Solar Charging	One 130 W, 12Vdc solar panels 45A battery charger, 220 Vac input
Battery life	Autonomous battery-only operation of 30 days

EU directives

CE durability	T2 D2 P2
Enclosure rating	IP 55

Message Sign Conversion Kit

Full-Matrix and Three-Line



- Simple installation or replacement
- Requires minimum installation time
- Durable powder-coat finish
- Low power consumption and more uptime
- Cooling fans provide overheating protection
- Energy efficient and superior performance
- Preprogrammed, custom and MUTCD graphics
- Contact factory for optional GPS tracker and modem



In-Cabinet Controller



- Capacitive touch screen controller
- Easiest programming in the industry
- Intuitive interface with larger buttons
- Multi-level password protection

Versatile, easy to install kit for any application.

Three-Line Signs

Display

Resolution	Four amber LEDs form each pixel
Font	1 font, 5 x 7 pixels 3 lines of 8 characters per line max.
Font size	12 x 18 in. (30 x 45 cm)

12V power system

Solar panels not included	130 W - 390 W suggested
---------------------------	-------------------------

Wanco Message Sign replacement/conversion kits are the ideal choice when you need to upgrade/restore your old fleet with the latest production model. Full-size signs provide versatility and great performance.

Full-matrix signs provide the greatest flexibility for displaying any type of message—large or small letters, symbols, graphics. Graphics and text can be combined in the same message.

Three-line message signs are capable of displaying three rows of alphanumeric characters. The ultra-bright, highly legible LEDs display your message clearly.

Changing the message is simple, as Wanco signs feature the easiest programming in the industry. The in-cabinet controller has a 7-inch LCD capacitive touch screen.

Meets NEMA TS 4-2005 Section 2 for ambient temperature, vibration, shock, electro-static discharge (ESD), and radio interference. NTCIP compliant.

Matrix Signs

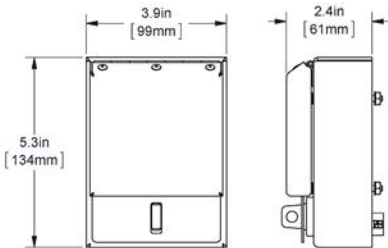
Display

Resolution	Four amber LEDs form each pixel
Matrix	48 pixels wide, 27 pixels high
Fonts	12 fonts, selectable
Default font	5 x 7 pixels, 3 lines of 8 characters max.
Default font size	11 x 16 in. (28 x 42 cm)

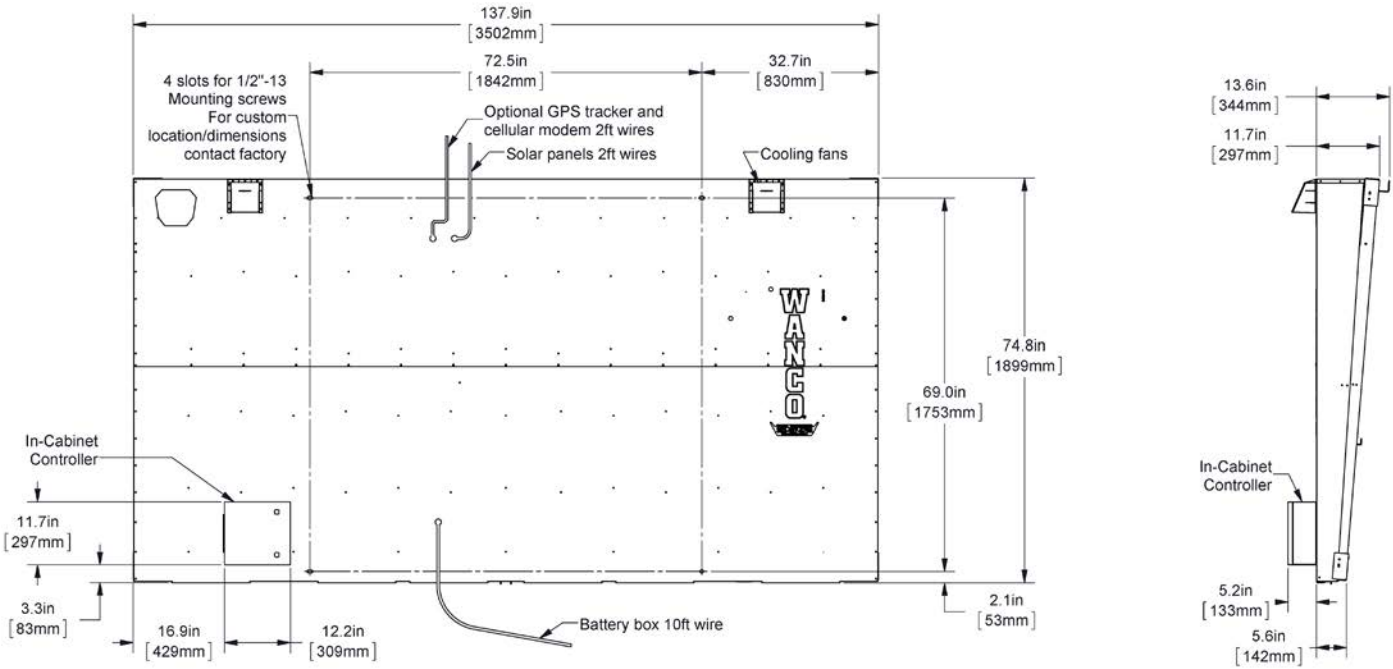
12V power system

Solar panels not included	130 W - 390 W suggested
---------------------------	-------------------------

- Kit includes:
- Message sign board, controller
- Hydraulic pump switch housing
- Hydraulic pump switch, 4ft wire
- Mounting hardware
- 2ft solar panel wires
- 10ft battery box wire



Hydraulic switch housing
To be mounted on the battery box, left side if Wanco box is used





Mini Message Sign Conversion Kit

Full-Matrix and Three-Line



- Simple installation or replacement
- Requires minimum installation time
- Durable powder-coat finish
- Low power consumption and more uptime
- Cooling fans provide overheating protection
- Energy efficient and superior performance
- Preprogrammed, custom and MUTCD graphics
- Contact factory for optional GPS tracker and modem



In-Cabinet Controller



- Capacitive touch screen controller
- Easiest programming in the industry
- Intuitive interface with larger buttons
- Multi-level password protection

Versatile, easy to install kit for any application.

Three-Line Signs

Display

Resolution	Four amber LEDs form each pixel
Font	1 font, 5 x 7 pixels 3 lines of 8 characters per line max.
Font size	9 x 14 in. (24 x 34 cm)

12V power system

Solar panels not included	85 W - 260 W suggested
---------------------------	------------------------

Wanco Mini Message Sign replacement/conversion kits are the ideal choice when you need to upgrade/restore your old fleet with the latest production model. Mini-size signs provide versatility and great performance.

Full-matrix signs provide the greatest flexibility for displaying any type of message—large or small letters, symbols, graphics. Graphics and text can be combined in the same message.

Three-line message signs are capable of displaying three rows of alphanumeric characters. The ultra-bright, highly legible LEDs display your message clearly.

Changing the message is simple, as Wanco signs feature the easiest programming in the industry. The in-cabinet controller has a 7-inch LCD capacitive touch screen.

Meets NEMA TS 4-2005 Section 2 for ambient temperature, vibration, shock, electro-static discharge (ESD), and radio interference. NTCIP compliant.

Matrix Signs

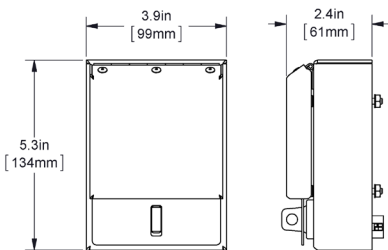
Display

Resolution	Four amber LEDs form each pixel
Matrix	48 pixels wide, 27 pixels high
Fonts	12 fonts, selectable
Default font	5 x 7 pixels, 3 lines of 8 characters max.
Default font size	8 x 12 in. (21 x 30 cm)

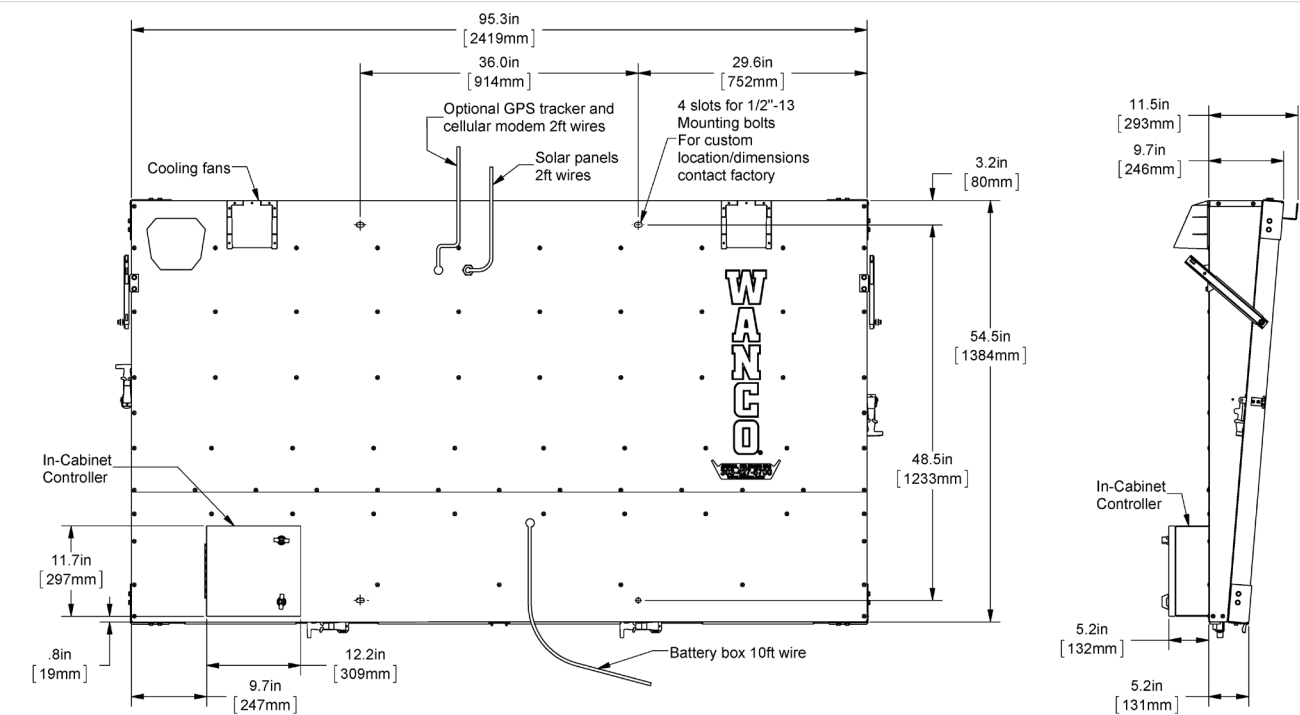
12V power system

Solar panels not included	85 W - 260 W suggested
---------------------------	------------------------

- Kit includes:
- Message sign board, controller
- Hydraulic pump switch housing
- Hydraulic pump switch, 4ft wire
- Mounting hardware
- 2ft solar panel wires
- 10ft battery box wire



Hydraulic switch housing
To be mounted on the battery box, left side if Wanco box is used





Metro Message Sign Conversion Kit

Full-Matrix display in large and medium sizes



- Simple installation or replacement
- Requires minimum installation time
- Slim design, durable powder-coat finish
- Low power consumption and more uptime
- Cooling fan provides overheating protection
- Energy efficient and superior performance
- Preprogrammed, custom and MUTCD graphics
- Bold Arrow graphics, text in 12 fonts
- Contact factory for optional GPS tracker and modem



In-Cabinet Controller

- Capacitive touch screen controller
- Easiest programming in the industry
- Intuitive interface with larger buttons
- Multi-level password protection



Versatile, easy to install kit for any application.

Wanco Message Sign replacement/conversion kits are the ideal choice when you need to upgrade/restore your old fleet with the latest production model. Full-size signs provide versatility and great performance.

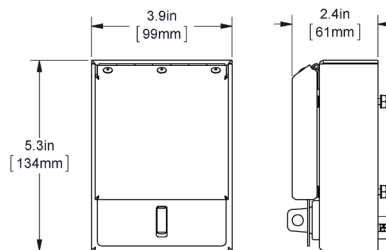
Full-matrix signs provide the greatest flexibility for displaying any type of message—large or small letters, symbols, graphics. Graphics and text can be combined in the same message.

Three-line message signs are capable of displaying three rows of alphanumeric characters. The ultra-bright, highly legible LEDs display your message clearly.

Changing the message is simple, as Wanco signs feature the easiest programming in the industry. The in-cabinet controller has a 7-inch LCD capacitive touch screen.

Meets NEMA TS 4-2005 Section 2 for ambient temperature, vibration, shock, electro-static discharge (ESD), and radio interference. NTCIP compliant.

- Kit includes:
- Message sign board, controller
- Hydraulic pump switch housing
- Hydraulic pump switch, 4ft wire
- Mounting hardware
- 2ft solar panel wires
- 10ft battery box wire



Hydraulic switch housing
To be mounted on the battery box,
left side if Wanco box is used

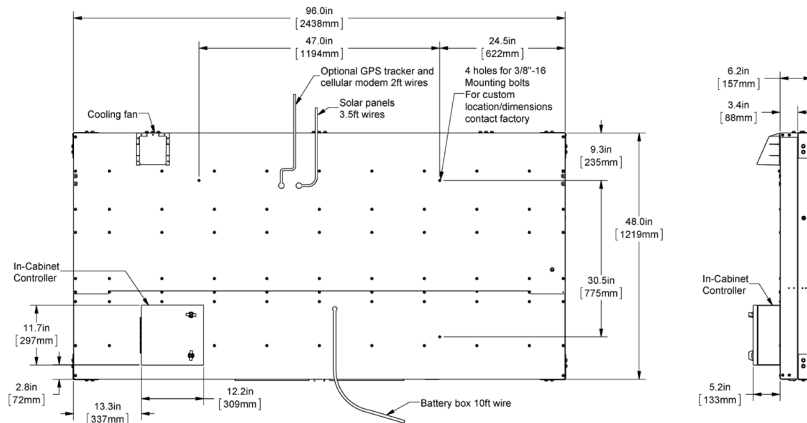
Large Sign

Display

Resolution 60 x 30 pixels
Four amber LEDs form each pixel
Default font 10 in., 5 x 9 pixels per character
3 lines of 10 characters per line max.

12V power system

Solar panels not included 85W - 255 W suggested



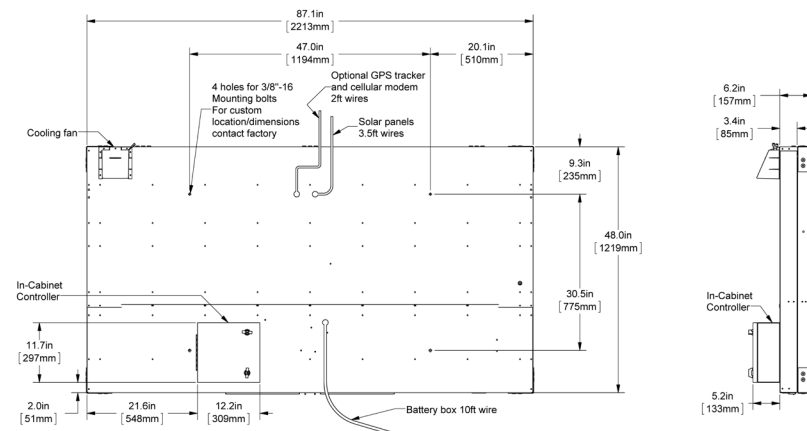
Medium Sign

Display

Resolution 48 x 30 pixels
Four amber LEDs form each pixel
Default font 10 in., 5 x 9 pixels per character
3 lines of 10 characters per line max.

12V power system

Solar panels not included 85W - 255W suggested



Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Киргизия (996)312-96-24-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Россия (495)268-04-70

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Казахстан (772)734-952-31

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93