

Type C Flashing Arrow Sign (FAS) & Variable Message Sign (VMS) Sync System

Operator's Manual



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IMPORTANT NOTICE PLEASE READ

The touchscreen controller is configured for operation of the VMS and Arrow Board only.

The installation and operation of other applications or programs may conflict with the normal functions of the controller.

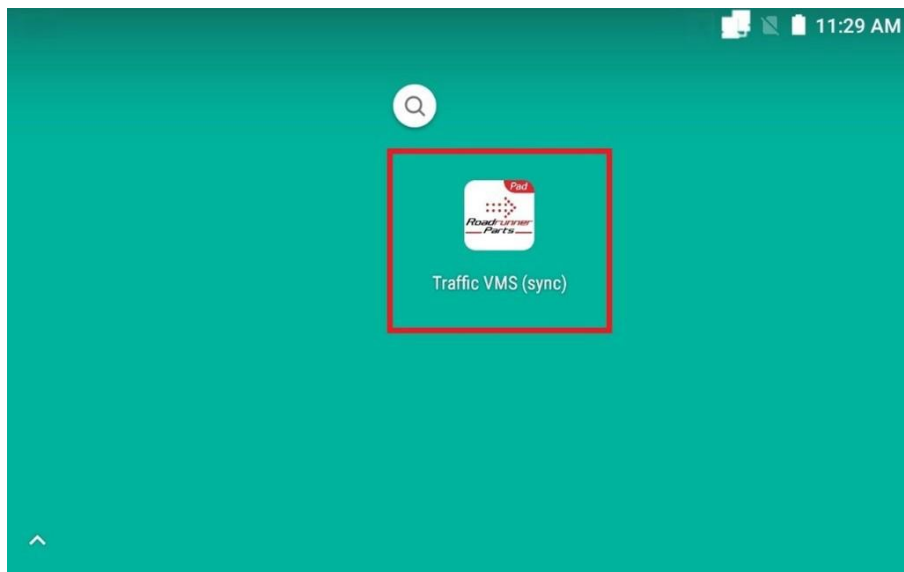
USER GUIDE

Controller Start Up And Interface

The controller must be powered on using the vehicle-mounted switch.

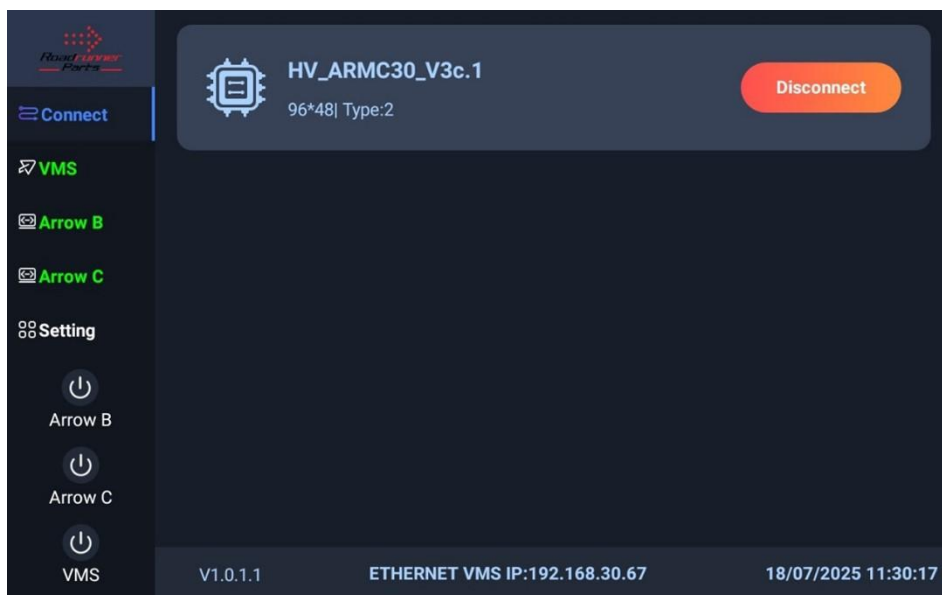
NOTE: Do not use the switch on the controller itself to power the unit on or off.

After the controller has powered on, the home screen will appear. From here, select the Sync application. See below for reference.

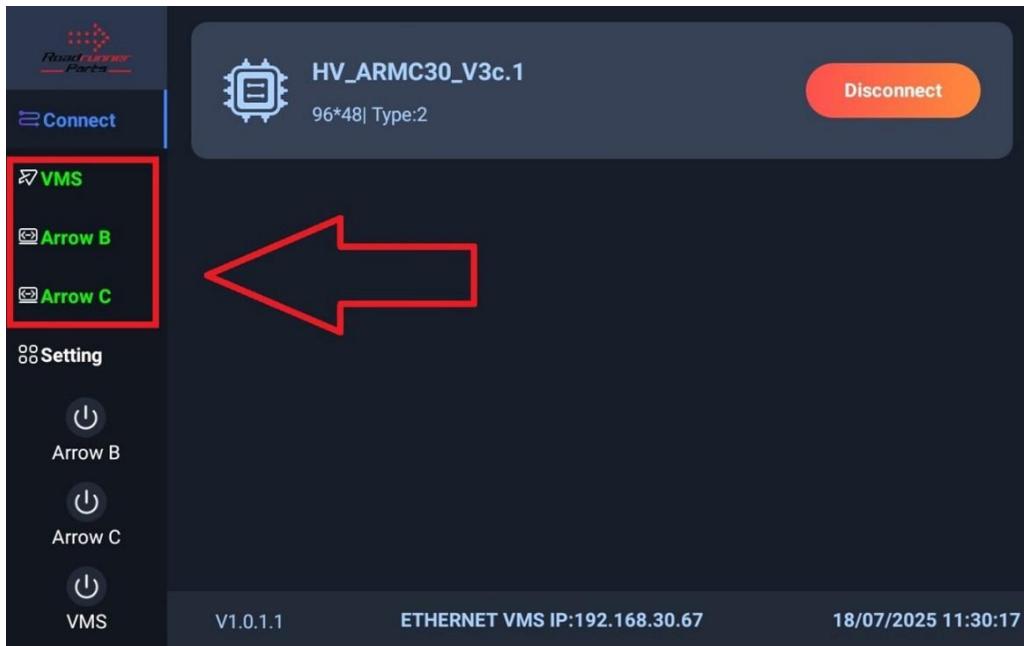


Sync Application Interface

Once the Sync application has launched, the connection screen will appear as shown below.



The selection menu is located on the left-hand side of the screen. From this menu, you can choose to operate the VMS board, B-Size arrow board or C-Size arrow board.



VMS Board Operation

From the VMS menu, browse the image library and select the required images. These can then be added to the playlist located on the right-hand side of the screen.



Once the desired image(s) have been added to the playlist, press **START**.

The VMS board will power on and begin displaying the selected image(s).



Once the VMS board is operating, the preview screen can be used to monitor the content currently being displayed.

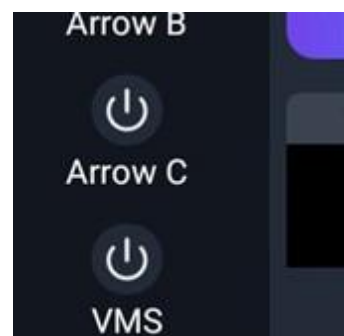
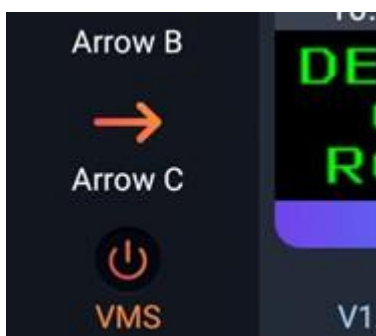


While the VMS board is operating, you can add or remove images from the playlist without turning off the display. To remove an image, select the 'X' icon on the image in the playlist. To add an image, simply select it from the image library.



The VMS power icon at the bottom of the selection menu indicates the status of the VMS board: orange means the screen is on, and white means it is off.

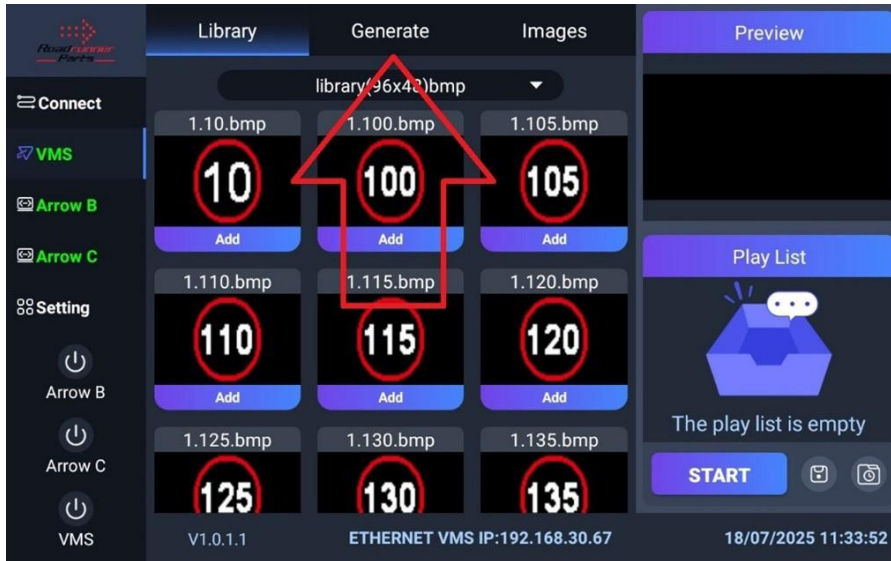
You can also press the STOP button at the bottom of the playlist to stop the currently displayed image(s).



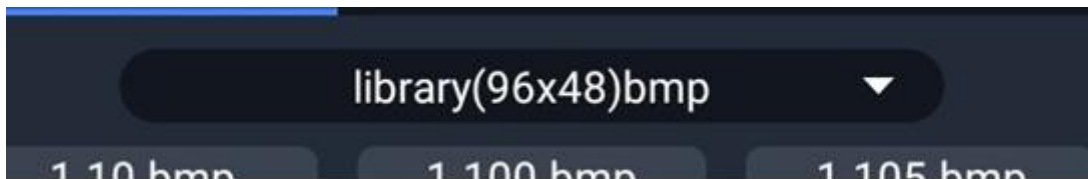
Creating custom text messages on the VMS

The generate function allows operators to create and display custom text messages on the VMS board. Custom text messages can be created using the Generate menu located at the top of the Sync application.

NOTE: Access to this menu is password protected. To obtain the password, please contact A1 Roadlines.



When creating a custom message, ensure it is designed for the correct display size on the VMS board in use. The display size is indicated at the top of the image library. Refer to the example below.



The first number presents the width of the display, while the second number indicates the height.

For TMA truck us 120x76

FAS Operation

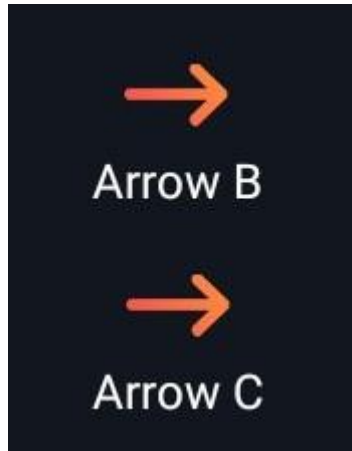
There are two Arrow Board menu options, depending on which Arrow Board is in use. Select the appropriate Arrow Board, and the corresponding interface will be displayed. See below for reference.



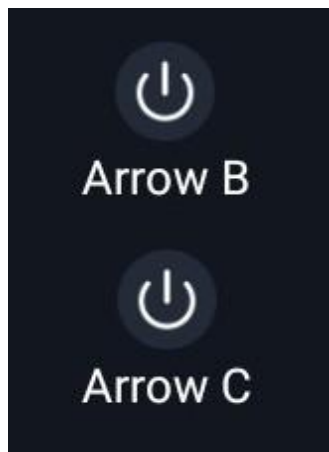
Within the Arrow Board interface, select the desired operation. The selected icon will begin flashing to indicate it is active.



The Arrow Board power icon in the selection menu will also turn orange, indicating that the current operation is active.



To turn off the Arrow Board, select the power icon in the selection menu. Once powered down, the icon will turn white to indicate the Arrow Board is off.



TROUBLESHOOTING

Controller won't turn on

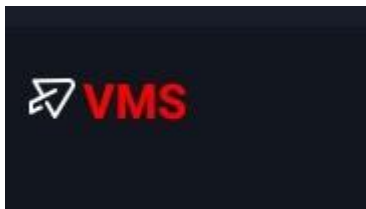
If the controller fails to power on, perform the following checks –

Ensure the Anderson plug at the rear of the VMS Board is securely connected and receiving adequate voltage (12/24 volts).

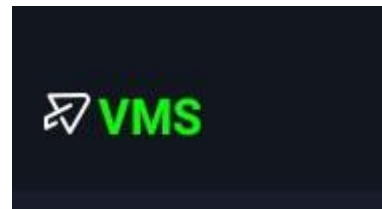
Check the fuse block inside the VMS enclosure for any blown fuses.

If all checks have been completed and the controller still does not power on, please contact A1 Roadlines on 1300 A1ROAD for further assistance.

VMS has no connection



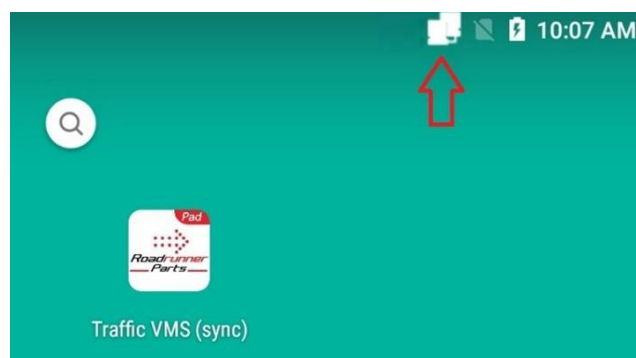
Not Connected



Connected

When the VMS Board is successfully connected, the VMS icon in the selection menu will appear green. If the icon is red and the connection timer reaches 0 on the countdown, perform the following checks –

Close the VMS application and ensure the icon circled below is showing on the home screen.



If the icon is displayed – restart both the VMS board and the controller using the on/off switch. Then, reopen the Traffic VMS application and check for a successful connection.

If the connection icon is still visible on the home screen but there is no connection to the VMS application, follow the steps below to check the controller's Ethernet settings.

1. Scroll up on the controller home screen and select the settings application
2. In the settings menu, select Ethernet and then Ethernet configuration
3. In the configuration menu, ensure the connection type is set to "DHCP"
4. Once this is selected, click save and return to the VMS application to check for connection

If all checks have been completed and there is still no connection to the VMS Board, please contact A1 Roadlines .

If the icon is not displayed – if possible, inspect the Ethernet cable connections at both the Controller harness and the rear of the VMS board to ensure they are secure.

If this has been checked and the connection icon still does not appear on the controller's home screen, please contact A1 Roadlines.

FAS has no connection



Not Connected



Connected

Once the Arrow Board is successfully connected, its icon in the selection menu will display green. If the icon turns red, please follow these troubleshooting steps –

If possible, check the Arrow Board cable connections at both the controller harness and the base of the Arrow Board to ensure they are properly secured.

Ensure the Arrow Board is receiving adequate voltage (12/24 Volts).

If all checks have been completed and the Arrow Board remains unresponsive, please contact A1 Roadlines.

Warranty Statement

- 2 Years warranty on electronics and hardware
- 5 Years warranty on Arrow Board LEDs
- Labour costs are not covered under warranty. Any repairs that are needed (wiring, connectors, or internal components) must be undertaken by a qualified auto electrician.
- Failure to do so may void your warranty.

For further information, service or repair contact:

A1 Roadlines Pty Ltd
Telephone: 1300 A1ROAD