ANPR Camera Setup

Contents

About the ANPR Camera

Automatic Number Plate Recognition (ANPR) are special cameras that can recognise and record a vehicle's number plate details, optionally they can also record the Speed Data

These cameras can be Factory fitted or retrofitted to Most Trailer Based Data Signs products. *(Assessment required on a case-by-case bases for retrofit applications)*
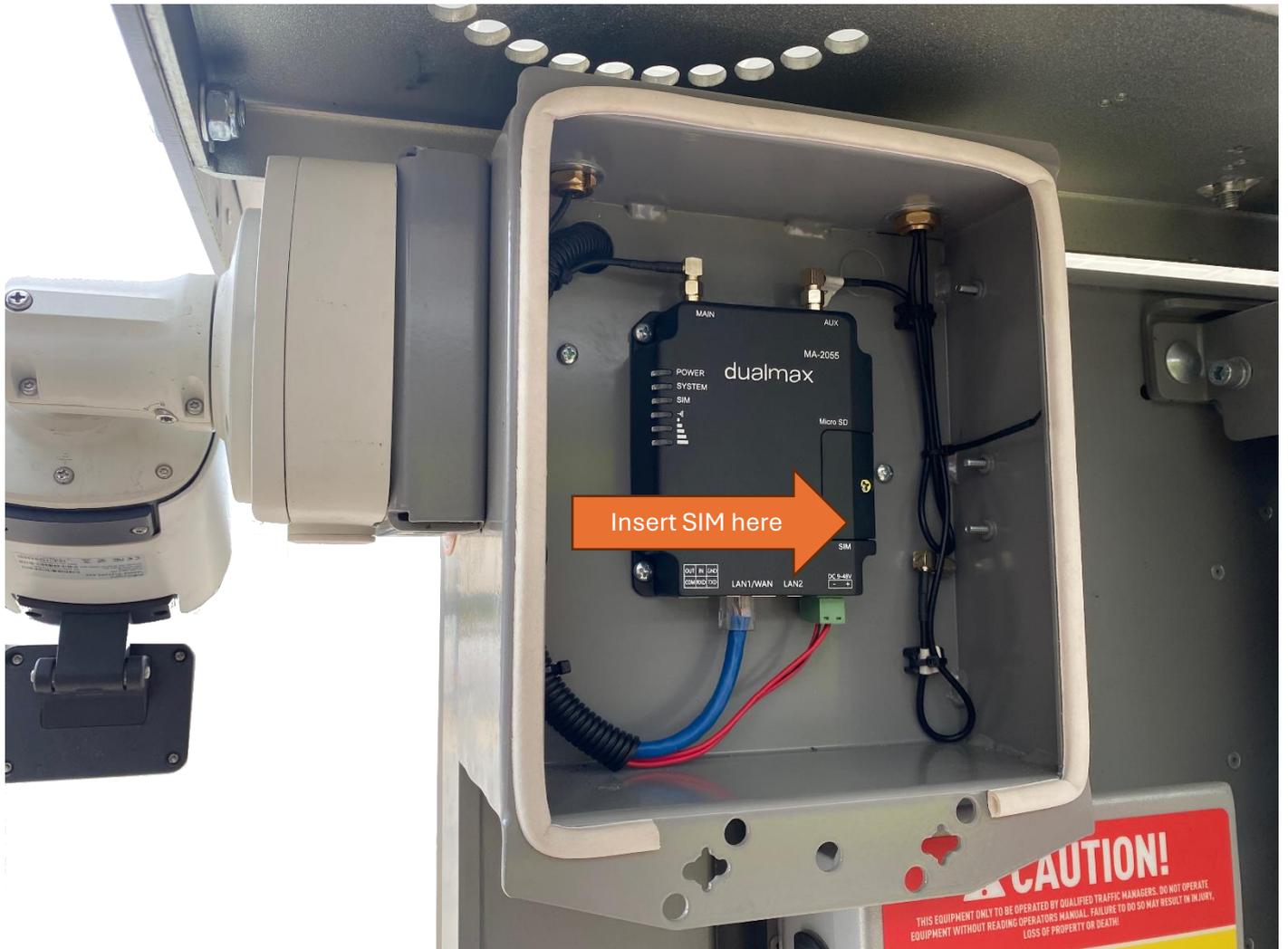

Illustrations show ANPR and Radar Functionality.

FACTORY FITTED APPLICATION, FOR RETROFIT INSTALATION, REFER TO ADDITIONAL INFORMATION SUPPLIED WITH EQUIPMENT

Setting up Internet access.

The camera connects to the internet via a 4G modem and will need a Telstra Data SIM. To access the modem, open the box at the back of the sign head. Unscrew the SIM panel and insert the SIM in slot 1.
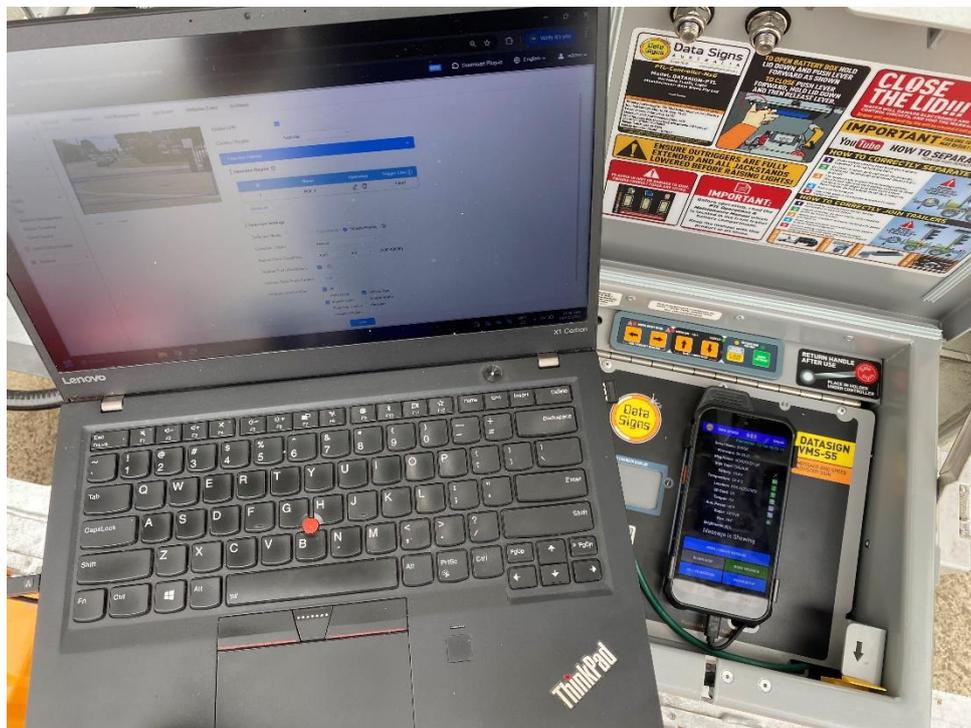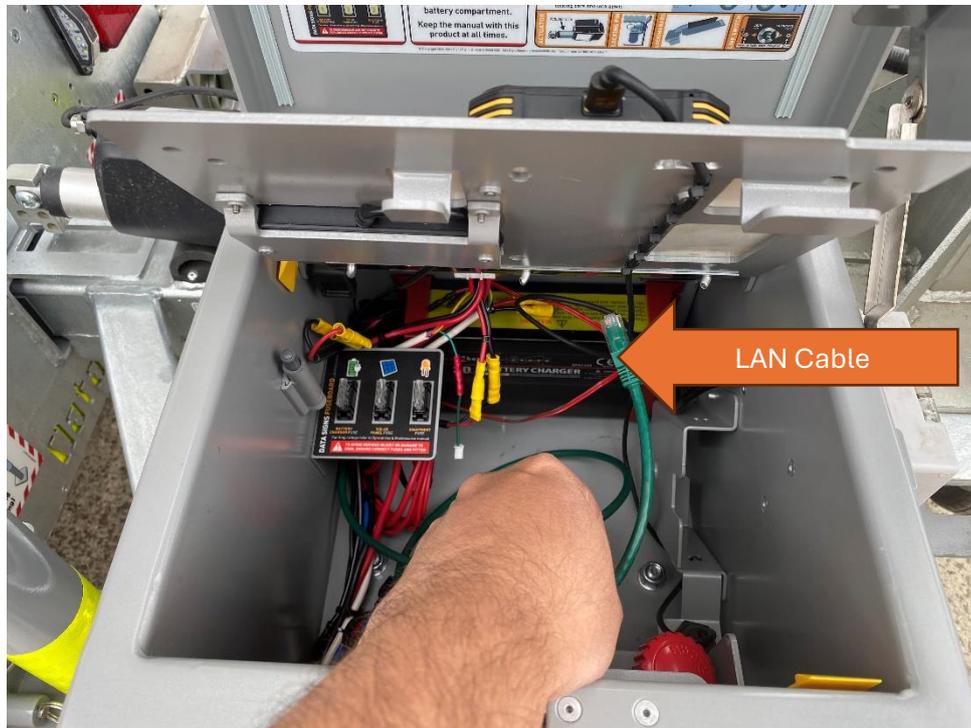
Connect the Camera to a Laptop

The camera is mostly pre-configured by Data Signs but will require some minor config changes based on the road layout and scenario.

To configure the ANPR camera, open the control box and locate the network (LAN) cable.

Connect the LAN cable to the network port of the laptop.

Configuring the ANPR settings

Open an Internet browser and in the address bar enter https://192.168.0.190

Enter your login details on the Login page and click on the Click on the Config > Traffic > LPR section
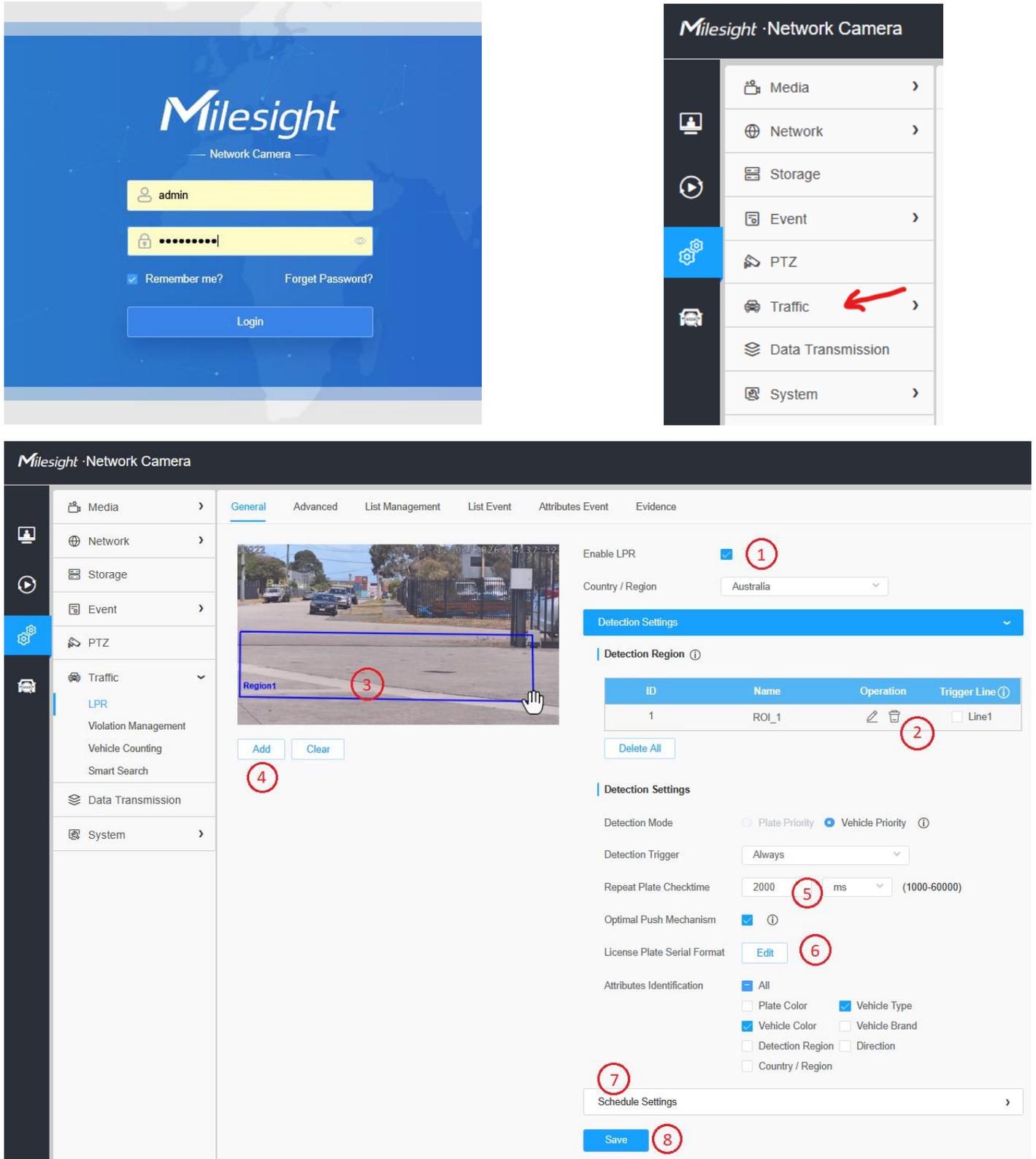

Figure 1: Main Configuration Change

Follow these steps to run a basic config change on an ANPR Camera (refer to the image above):

- Enable the LPR if disabled (pt. 1)
- Adjust an existing Region (pt. 3) and then Saved (pt. 8) Done…
  OR
- Click on the Delete button to remove the Region (pt. 2)
- Draw a new detection Region as required (pt. 3)
- Click on the Add button to confirm the new Region (pt. 4)
- Click on the Save button (pt. 8) Done…

Advanced changes:

- Adjust the Repeat Checktime to increase or decrease the read frequency (pt. 5)
- Click on the "Edit" button to adjust the format of the licence plate. (pt. 6) (fig. 2)
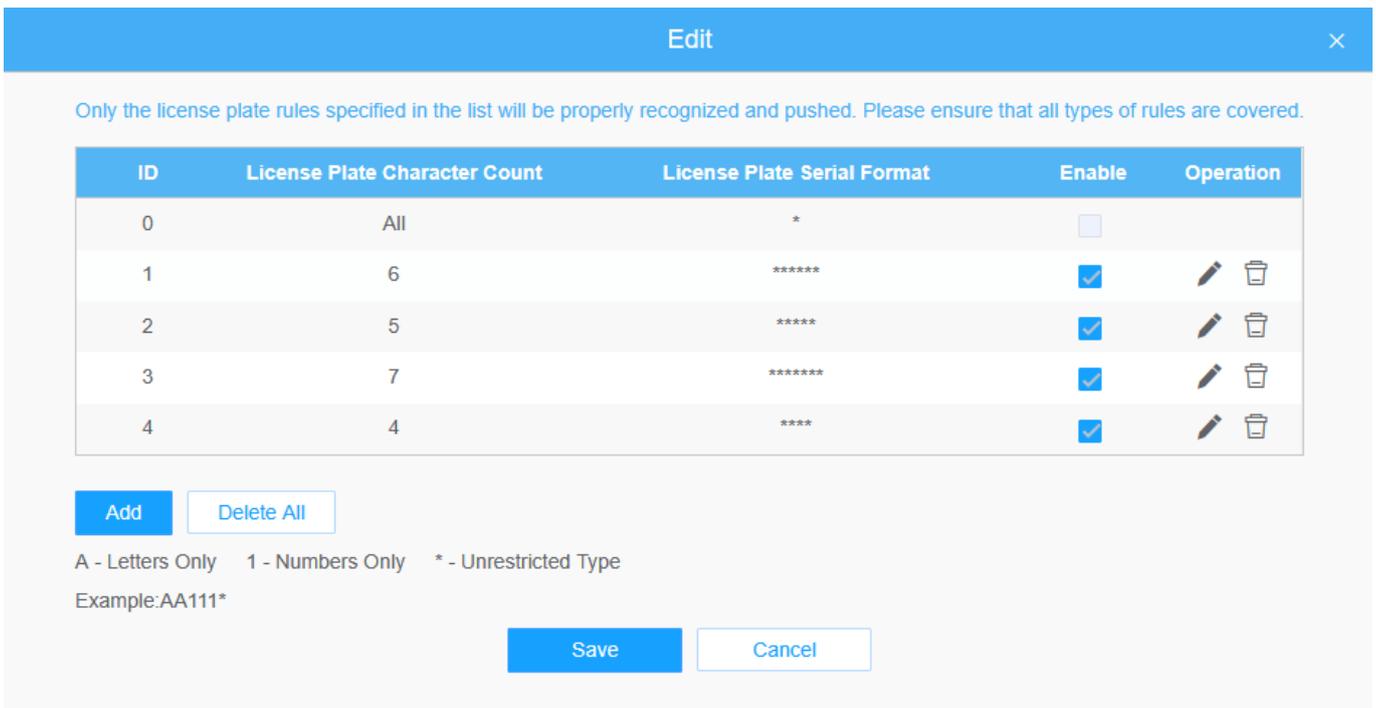- The Schedule is set to 24/7, but you can adjust as required. (pt. 7) (fig. 3)

Figure 2: Licence Plate Format (Advanced config)

The licence plate format is already configured to registrations which are between 4 and 7 digits and all numbers and letters. This can be reconfigured to any special format as required.
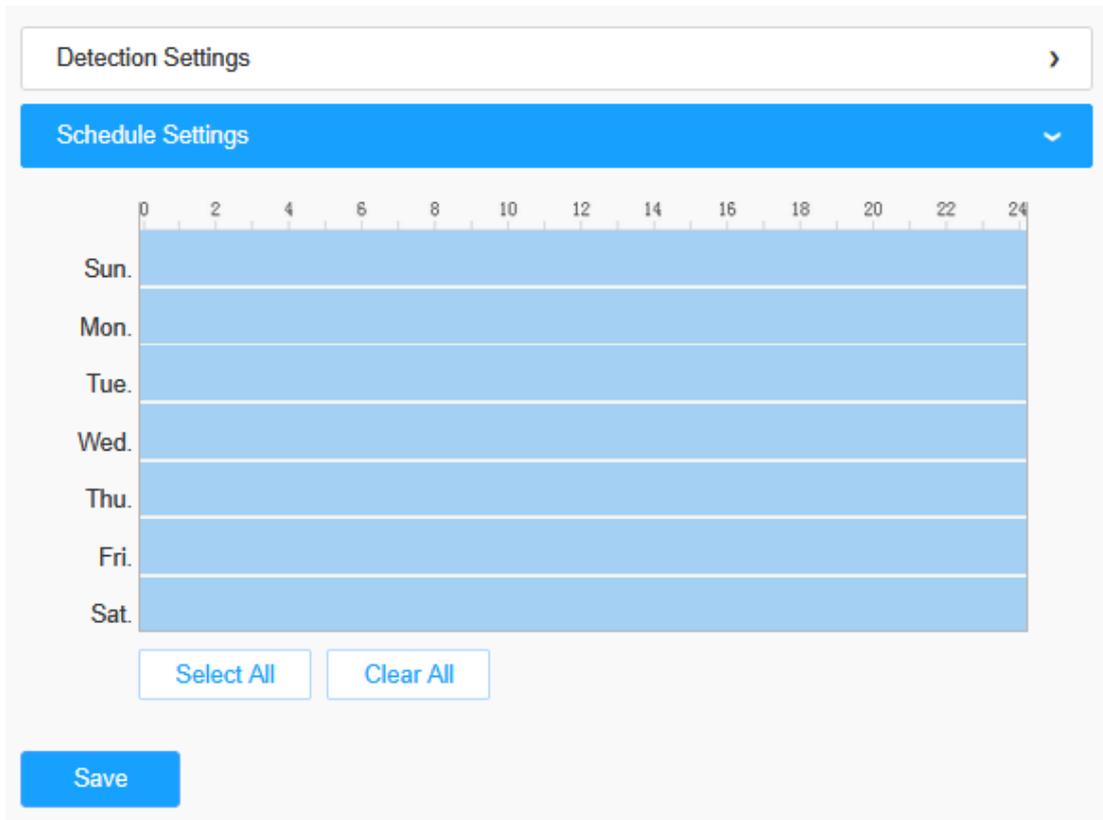
Figure 3: Schedule Settings (Advanced config)

Click on the Clear All button and setup a new schedule as required.

Adjust camera alignment

If there is a need to physically adjust the alignment of the camera; please loosen the bolt as shown below and adjust the camera using the connected computer to view the point of reference.