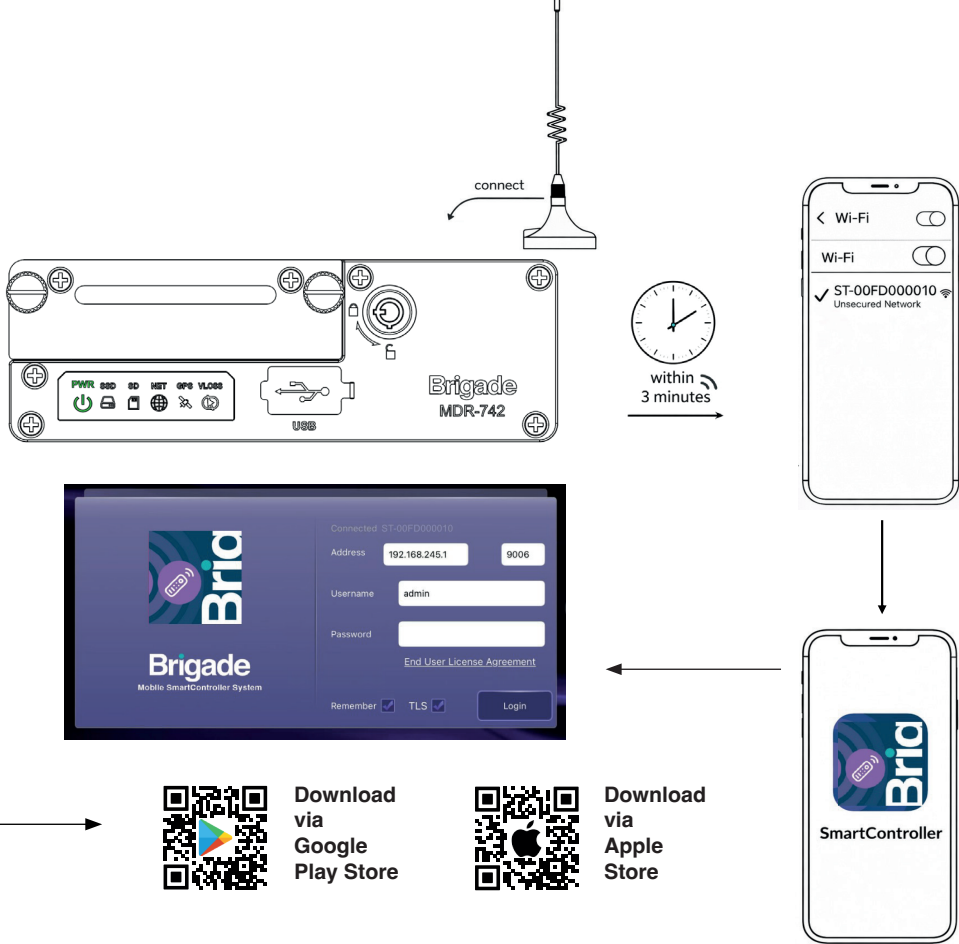


Initiate Operation

With the WiFi antenna plugged in, turn on the MDR with the key provided (locked position is ON). Within 3 minutes of the unit powered on, search for the 742 WiFi hotspot (e.g. ST-00FD000010) on your device and connect to it.



Specification

- 9-36Vdc
- 2.4GHz / 5GHz WiFi
- 3G / 4G
- 40°C - +75°C

Download and open the Smartcontroller App using the QR codes here...



Download via Google Play Store



Download via Apple Store

Software

The setup instructions provided below cover some of the most important settings which most installers need, or would like, to configure. If the MDR is used for additional purposes, such as 4G services or to trigger any outputs, additional settings will be required. Please refer to the installation manual regarding any additional configuration requirements. **Each page must be saved before moving on (Scroll down).**

1. First-Time Login (Fig. 1-2)

- Open Smartcontroller app and ensure WiFi is enabled on your device.
- Select Search and connect to the MDR SSID (e.g. ST-00FD000457) (visible for 3 minutes after startup).
- Enter Username: admin and Password: admin.
- You will be prompted to change your Password immediately.
- New password must be 8-16 characters with uppercase, lowercase and numbers.
- Save and log back in using the new password.

2. App Navigation Overview (Fig. 3)

- Tab: General, Preview, Playback, Preferences.
- Preferences includes:
  - Basic Setup
  - Surveillance
  - Events
  - Alarms
  - About

3. Basic Setup (Critical Settings) (Fig. 3-7)

- Go to the Preferences tab.
- Enter Vehicle Reg & Fleet Number (Basic Setup > Reg Info).
- Adjust Time Zone if incorrect (Fig. 5).
- Configure DST if required (Fig. 6).
- If required, you can adjust the Date/Time further in the Time Sync tab (Fig. 4). Select Save to confirm changes.
- Set Shutdown Delay (e.g. 3600s = 1hr) (Fig. 7).

- Select
- Enter Details

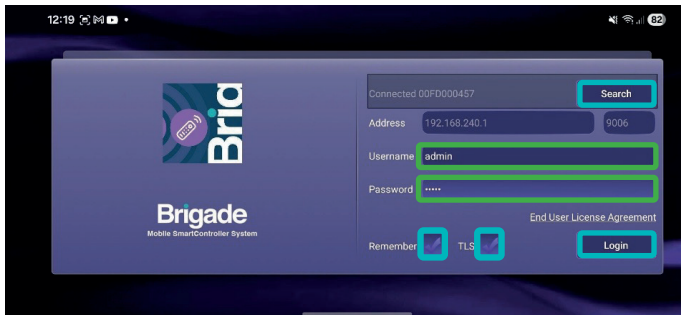


Fig. 1

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4. Surveillance Setup (Fig. 8-13)

- Set Video Format: PAL-AHD or NTSC-AHD (Fig. 8).
- Rename channels (Fig. 9): (e.g. Left, Right, Reverse, Front).
- Scroll right to match recording Resolution to camera (Fig. 10-11).
- Set monitor output (1080p / 720p / CVBS) (Fig. 12).
- Changing the IP Camera Channel (Fig. 13).
  - Go to Surveillance > IPC Setup.
  - Tick the Enable checkbox for the channel number you want your IP camera to appear in and select the magnifying glass icon to search for the camera.
  - Tick the checkbox next to your Brigade IP camera and select OK.
  - Select Save to confirm changes.

5. Alarm Configuration (IO Triggers) (Fig. 14-18)

- Enable IO alarm & Name trigger & IO ID (e.g. Reverse/RV) (Fig. 14).
- Set Trigger Source to Voltage (Fig. 15).
- Configure High/Low input depending on wiring.
- Link video/audio channels (Fig. 16).
- Set Channel Link for camera feed(s) to display on monitor when alarm is activated. Set Duration camera feed(s) are displayed after alarm turns off (Fig. 17).
- Enable Buzzer and set Buzzer Duration if required (Fig. 18).

6. Video Loss Alarm (Fig. 19-22)

- Under Trigger, select Setup (Fig. 19).
- Select active video channels (Fig. 20).
- Configure Linkage channels (Fig. 21).
- Enable Buzzer and adjust Buzzer Duration (Fig. 22).
- Select OK and Save all changes (Fig. 22 and Fig. 19).

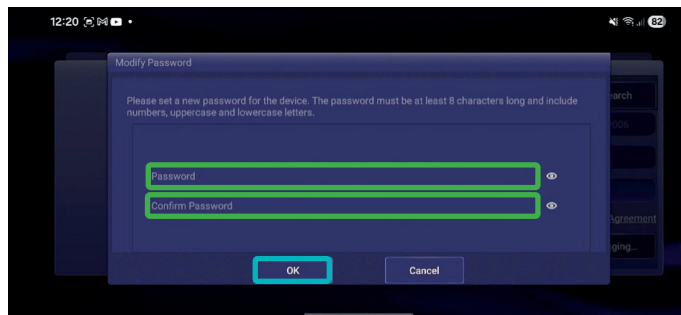


Fig. 2

Brigade

Screenshots Continued (Fig. 3 - Fig. 12)

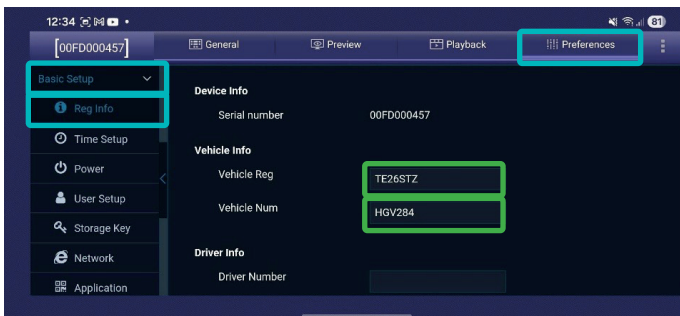


Fig. 3 If settings are changed, you must scroll down and select 'Save' to confirm.

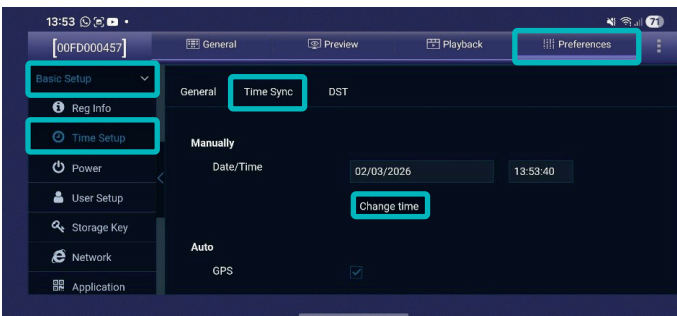


Fig. 4 If settings are changed, you must scroll down and select 'Save' to confirm.

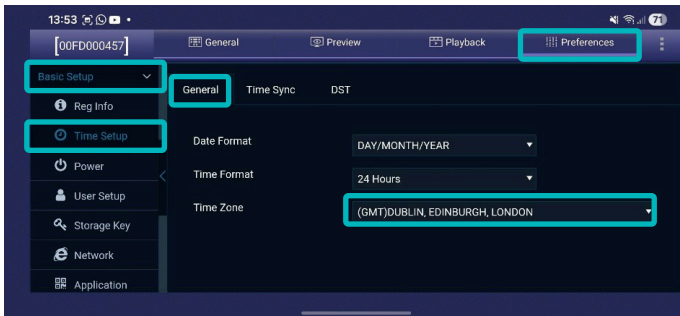


Fig. 5 If settings are changed, you must scroll down and select 'Save' to confirm.

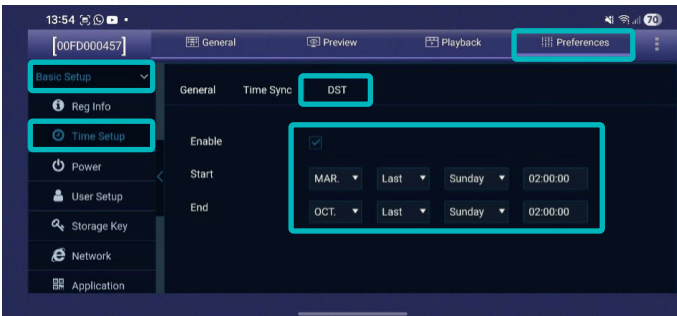


Fig. 6 If settings are changed, you must scroll down and select 'Save' to confirm.

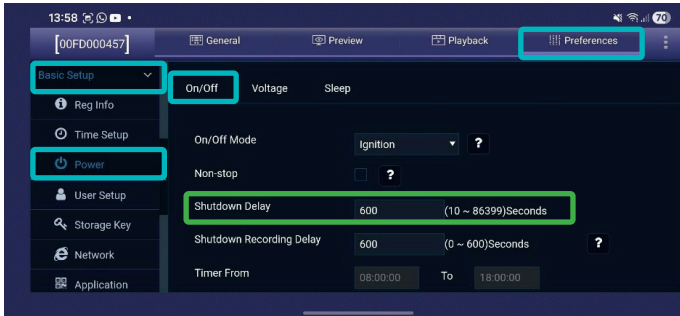


Fig. 7 If settings are changed, you must scroll down and select 'Save' to confirm.

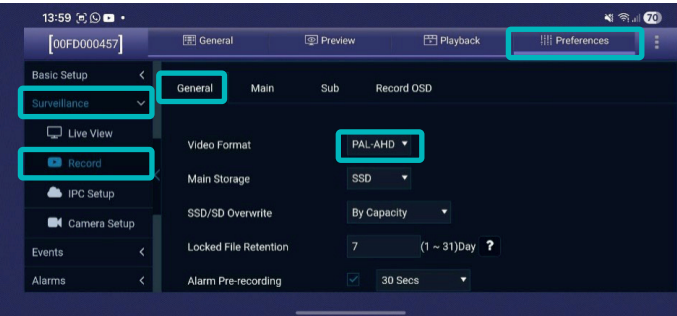


Fig. 8 If settings are changed, you must scroll down and select 'Save' to confirm.



Fig. 9 If settings are changed, you must scroll down and select 'Save' to confirm.

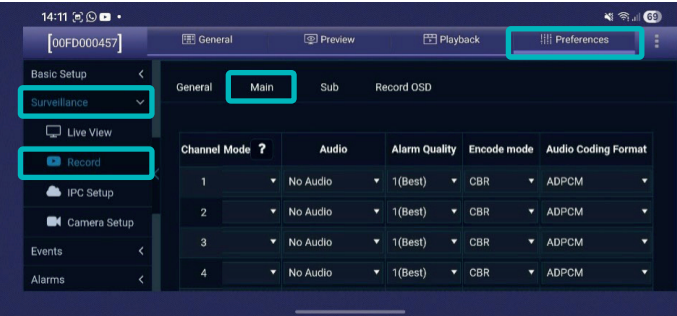


Fig. 10 If settings are changed, you must scroll down and select 'Save' to confirm.



Fig. 11 If settings are changed, you must scroll down and select 'Save' to confirm.

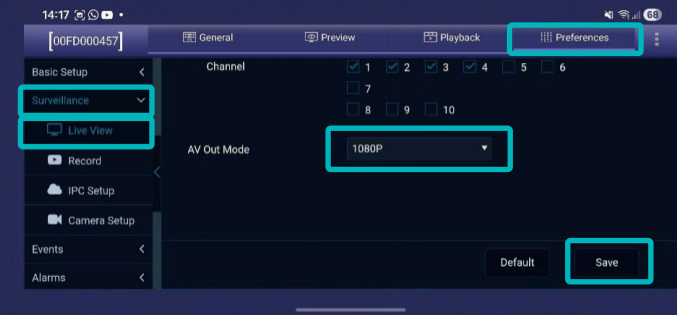


Fig. 12 If settings are changed, you must scroll down and select 'Save' to confirm.

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Screenshots Continued (Fig. 13 - Fig. 22)



Fig. 13 If settings are changed, you must scroll down and select 'Save' to confirm.

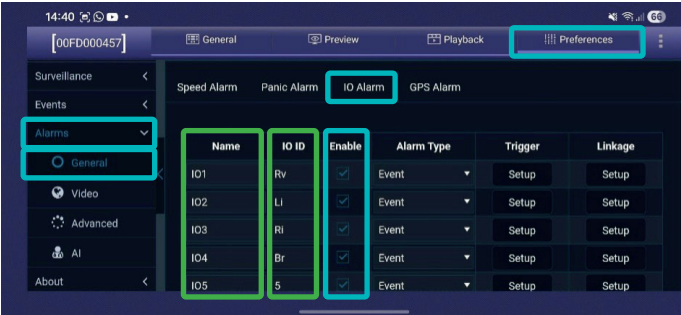


Fig. 14 If settings are changed, you must scroll down and select 'Save' to confirm.

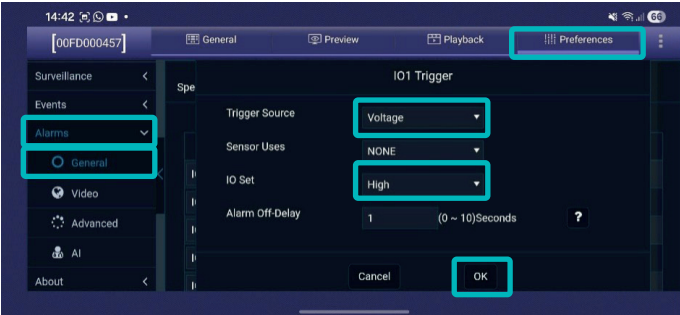


Fig. 15 If settings are changed, you must scroll down and select 'Save' to confirm.



Fig. 16 If settings are changed, you must scroll down and select 'Save' to confirm.

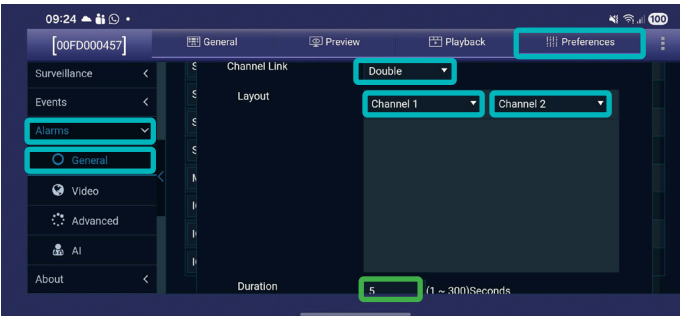


Fig. 17 If settings are changed, you must scroll down and select 'Save' to confirm.

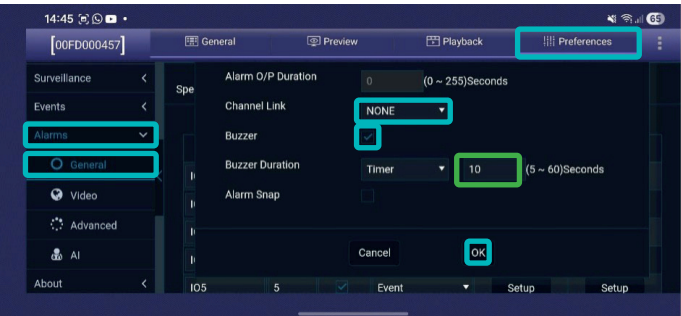


Fig. 18 If settings are changed, you must scroll down and select 'Save' to confirm.

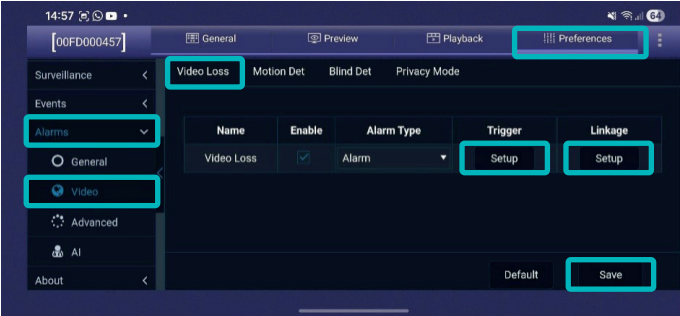


Fig. 19 If settings are changed, you must scroll down and select 'Save' to confirm.

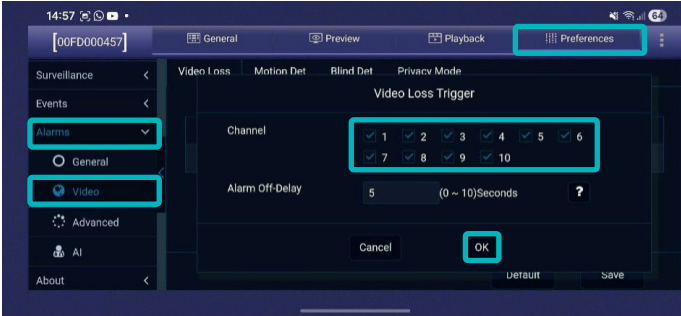


Fig. 20 If settings are changed, you must scroll down and select 'Save' to confirm.

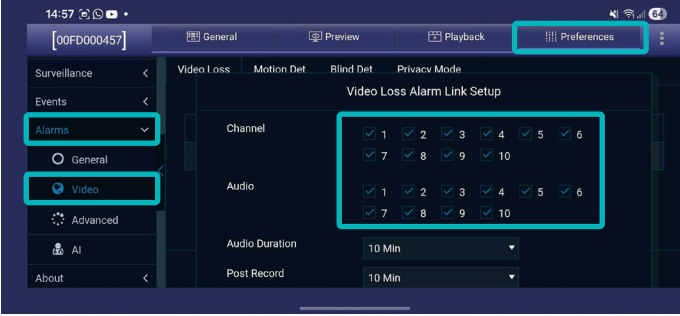


Fig. 21 If settings are changed, you must scroll down and select 'Save' to confirm.

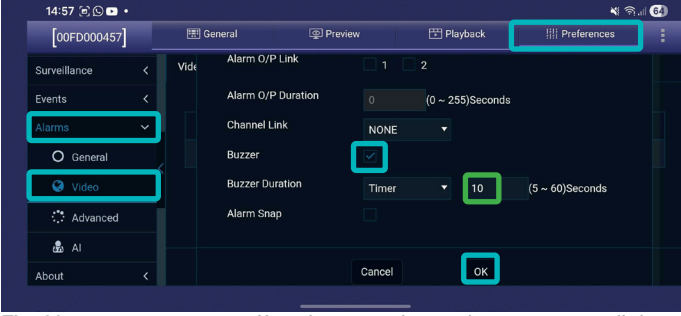


Fig. 22 If settings are changed, you must scroll down and select 'Save' to confirm.

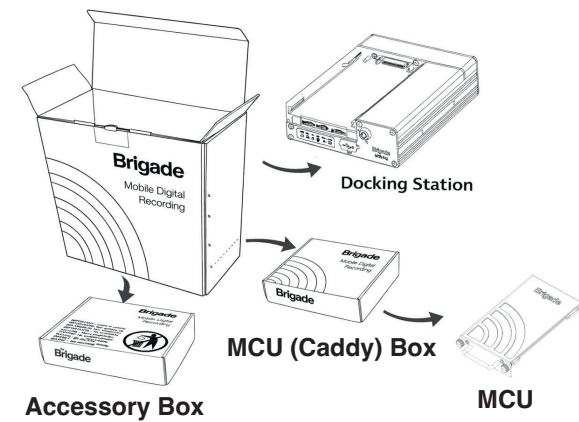
IMPORTANT: Incorrect time/date or missing vehicle details may invalidate footage for insurance or legal use.

MDR-742GW-XX(XX) (VARIOUS)

Unboxing

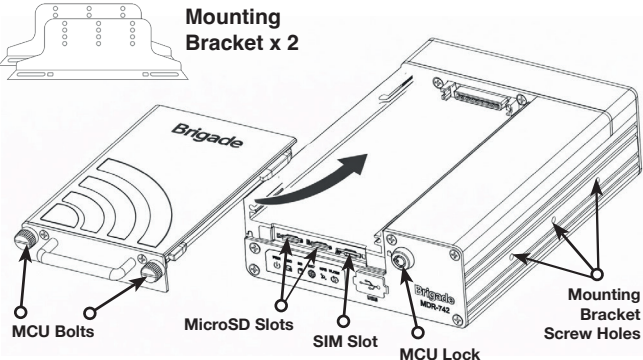
Step 1

Remove each product component from the box.



Step 2

Insert MicroSD cards and SIM card into the docking station, if applicable. Slide caddy into the docking station. Once the caddy is connected, tighten the bolts and lock using the key provided. Screw mounting brackets onto MDR and mount MDR in appropriate location in vehicle cabin. Make sure to leave room to connect cameras / cables / antennas and to remove caddy in future.



LED Indicators

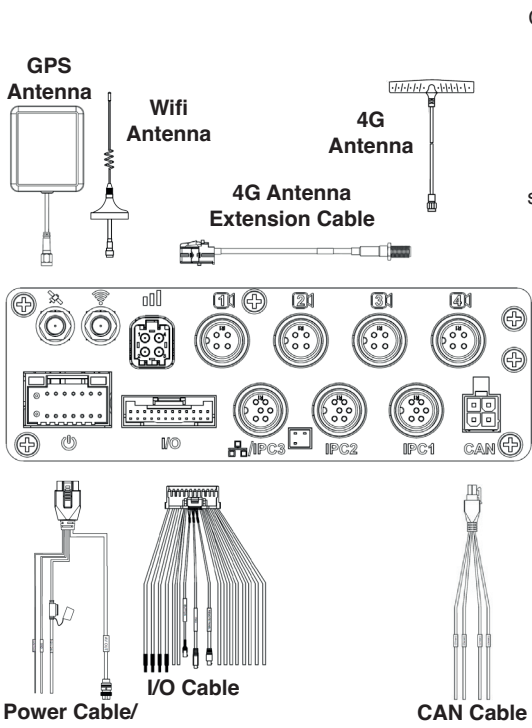
Below you will find a list of the LED Indicators that can be found on the MDR-742GW.

| Front Panel LED Status Guide                                      |          |          |          |          |
|-------------------------------------------------------------------|----------|----------|----------|----------|
| MDR-742XX-X (XX)                                                  |          |          |          |          |
| LED                                                               | Status 1 | Status 2 | Status 3 | Status 4 |
| PWR                                                               |          |          |          |          |
| SSD                                                               |          |          |          |          |
| SD                                                                |          |          |          |          |
| NET                                                               |          |          |          |          |
| GPS                                                               |          |          |          |          |
| VLOSS                                                             |          |          |          |          |
| Legend:  =ON  =OFF  =Flashing  =Error  =Rec  =One Storage Failure |          |          |          |          |

Step 3

Connect all antennas to MDR: GPS antenna must have clear line of sight to sky and be fitted horizontally. Refer to full manual for more details on all antenna installations.

Connect power cable, I/O cable and CAN cable (if applicable) to MDR: **Select appropriate fuse for power cable**, then connect 12V/24V, GND and IGNITION wires to vehicle power (permanent 12Vdc / 24Vdc feed), ground and ignition, respectively, and AV Out to monitor (if applicable). Connect I/O trigger inputs to corresponding wires on vehicle harness (e.g. connect INPUT-1 to reverse wire, if intending to trigger a reversing alarm with IO1). Connect CAN cables to relevant vehicle CAN bus lines. **Scan QR code below for full MDR-742GW CAN Integration Guide.**



Connect analogue and IP cameras to MDR: There are 4x analogue and 3x IP camera inputs built-in to MDR-742. IPC3 can alternatively be used to connect a 4-Input PON switch for 4x additional IP cameras.

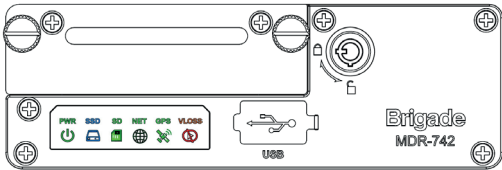
CAN Integration Guide



Full Manual



Your MDR-742GW is now ready to use.



MDR-742GW Series Manual

|    |                                                                                                            |
|----|------------------------------------------------------------------------------------------------------------|
| EN | For MDR-742GW Series setup, refer to the user manual by scanning the QR code above.                        |
| FR | Pour la configuration du MDR-742GW Series, consultez le manuel d'utilisation en scannant le code QR.       |
| DE | Für die Einrichtung mit der MDR-742GW Series, folgen Sie der Betriebsanleitung durch scannen des QR codes. |
| IT | Per il setup della MDR-742GW Series, si prega di far riferimento al manuale, scansionando il codice QR.    |
| ES | Para la configuración de la MDR-742GW Series, consulte el manual del usuario escaneando el código QR.      |
| NL | Voor de instellingen in de MDR-742GW Series kunt u de QR code in de handleiding scannen.                   |
| PT | Para a configuração do MDR-742GW Series, consulte o manual do usuário digitalizando o código QR.           |
| RU | Для настройки MDR-742GW Series обратитесь к руководству пользователя, отсканировав QR-код.                 |
| TR | MDR-742GW Series kurulumu için QR kodunu okutarak kullan im kılavuzunu indiriniz.                          |
| PL | W celu podłączenia do MDR-742GW Series, proszę zapoznać się z instrukcją, skanując kod QR                  |

Brigade

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