

# **SIM Installation and Configuration Guide 500 & 400 Series MDR**

## **EE SIM Card Setup**

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Revision History				
Date	Description	Author	Approved by	Date
09/03/18	Initial document published	J.Tyrrell	B.Childs	08/06/18
03/09/18	Added connection check and 400 series setups	J.Tyrrell	B.Childs	22/10/18
01/07/19	Added Bridge branding	J.Tyrrell	B.Childs	02/07/19



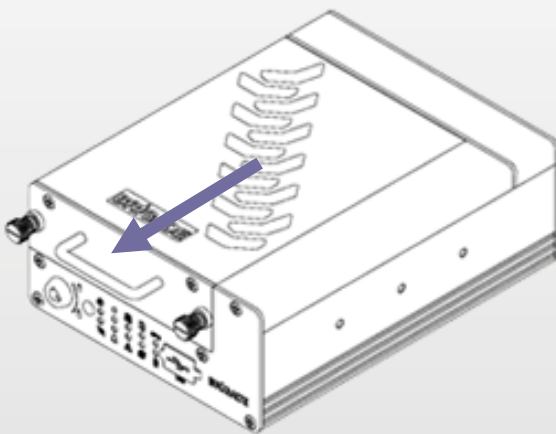
Setting up an MDR for use on Brigade Hosted server with a Brigade provided SIM

## **SIM Card Installation 500 Series MDR**

### **Notes**

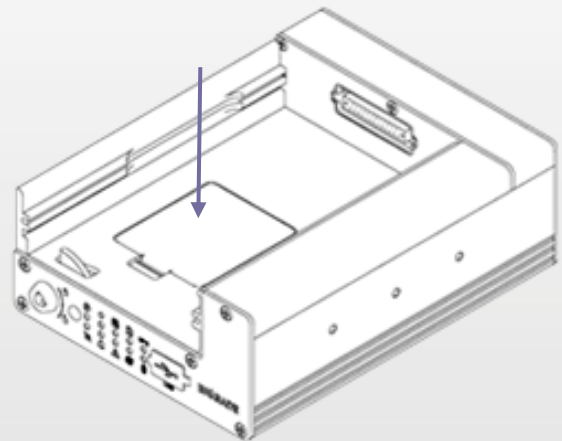
1. Before commencing the SIM card installation, please ensure your working environment is clean and dry.
2. Do not touch the printed circuit board as this may result in damaged equipment and will void the warranty.
3. Please refer to manual for login details.

### **MDR 504G/GW**



#### **Step 1**

Remove the mobile caddy unit to access the SIM card hatch.

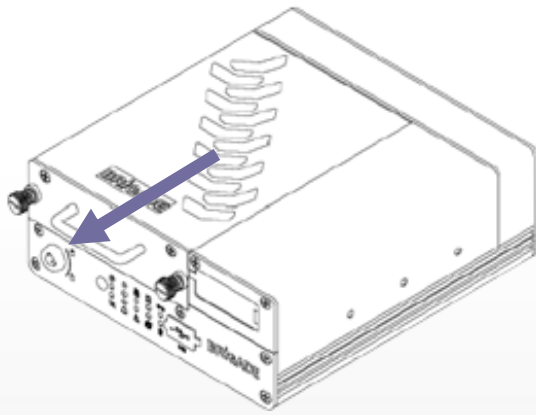


#### **Step 2**

Open the SIM card hatch. Remove the film that is placed over the SIM card slot. Insert the SIM card with the chip face-down. Close the SIM card hatch to lock position.

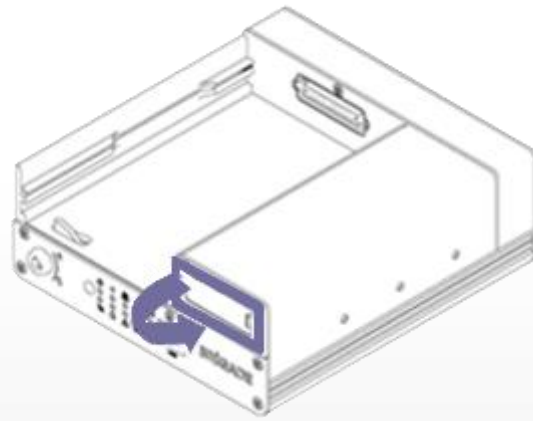


### MDR 508G/GW



#### Step 1

Remove the mobile caddy unit to access SD/SIM card door.



#### Step 2

To access the SIM card slot, open the door as indicated (by the arrow). Insert and push the SIM card to lock securely in place.

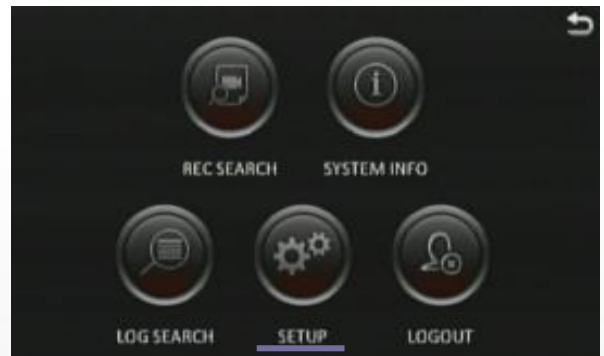


## MDR 500 Series Setup

In order for the unit to be registered on the dashboard, the following will need to be set up on the MDR unit. **Please also complete the SIM Activation form where prompted and return to Brigade Customer Services.**

### 1. Register System Information

- a) Login to MDR as admin, click **setup**



- b) Click **Basic Setup > Reg Info > Vehicle info**



- c) **Vehicle Reg:** Enter the vehicle registration number (**no spaces, all CAPS**). This is what will be displayed on the dashboard.

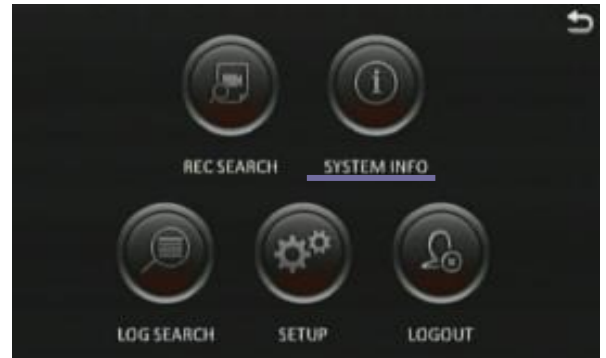
Click **Save**.

**Write the 'Vehicle Reg' on the SIM Activation Form (WL-SIM-ID-DOC-XX)**

Click **return arrow** to go back to main menu.



d) Click **System Info**



e) Click **Version Info**.

Write the full 'Serial Num' on the **SIM Activation Form (WL-SIM-ID-DOC-XX)**

Click **return arrow** to go back to main menu.

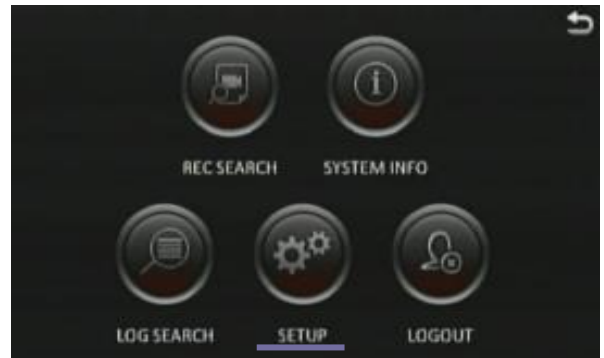


## 2. Mobile Network Setup

To enable SIM card to connect to network.

a) Click **setup**

If you are not already logged in to the system, you will need to login as admin.



b) Click **Basic Setup > Network > Mob net**




c) Set the following parameters:

**NOTE: All text is case sensitive**

**Enable** - Set to: **ON**

**Network Type** - Set to: **MIX**

**APN** - Enter: **wlapn4.com**

Click down arrow  to proceed to next page



**Username** - Enter: **brigade**

**Password** - Enter: **brigade**

**Access Number** - Enter: **\*99#**

**Certification** - Select: **CHAP**

Click **Save**.

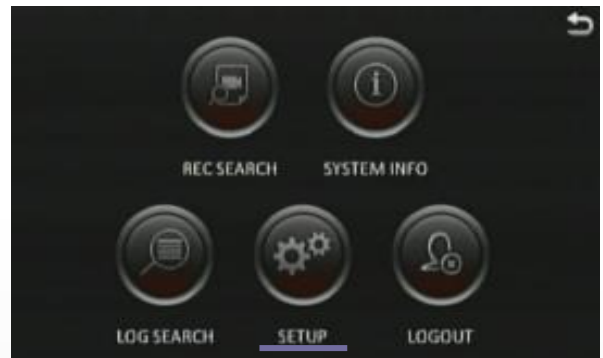
Click **return arrow** to go back to main menu.

### 3. Server Setup

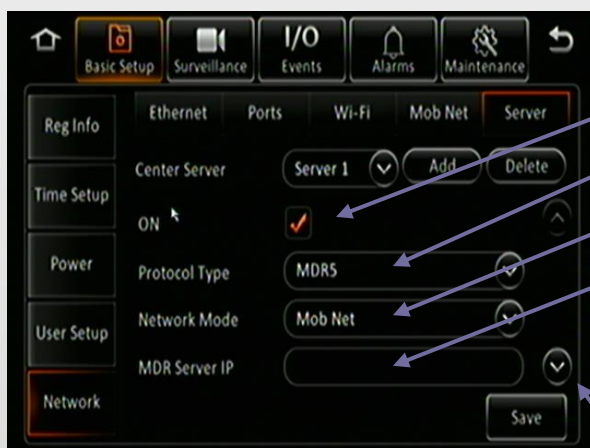
To connect the MDR to the Brigade MDR Cloud Server.

a) Click **setup**.

If you are not already logged in to the system, you will need to login as admin.



b) Click **Basic Setup > Network > Server**




c) Set the following parameters:

**ON** - Tick the check box

**Protocol Type** – Select: *MDR5*

**Network Mode** – Select: *Mob Net*

**MDR Server IP** – Enter: *DOMAIN NAME SUPPLIED BY UK CUSTOMER SERVICES PRIOR TO INSTALLATION*  
– If you do not have this information contact UK customer services on 01322 420300

Click down arrow  to proceed to next page.





The screenshot shows the 'Basic Setup' window with the 'Network' section selected. The 'Server' sub-tab is active, displaying configuration options for the center server and media server. The 'Media Server IP' field is highlighted with a blue arrow.

**Media Server IP** – Enter: *DOMAIN NAME SUPPLIED BY UK CUSTOMER SERVICES PRIOR TO INSTALLATION*  
– If you do not have this information contact UK customer services on 01322 420300

Click **Save**.



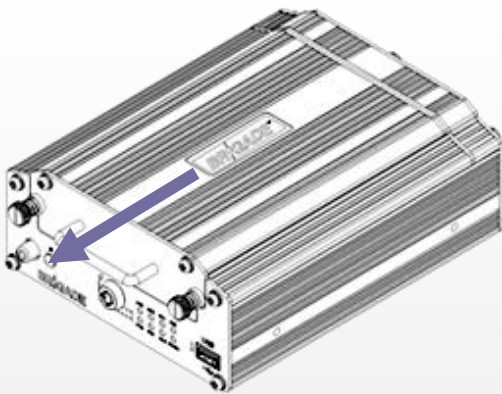


## **SIM Card Installation 400 Series MDR**

### **Notes**

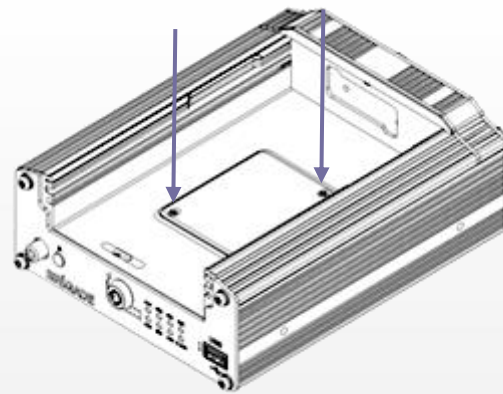
1. Before commencing the SIM card installation, please ensure your working environment is clean and dry.
2. Do not touch the printed circuit board as this may result in damaged equipment and will void the warranty.

### **MDR-404xx-500 SIM card Installation**



#### **Step 1**

Remove the mobile caddy unit. This will allow you to access the SIM card slot.



#### **Step 2**

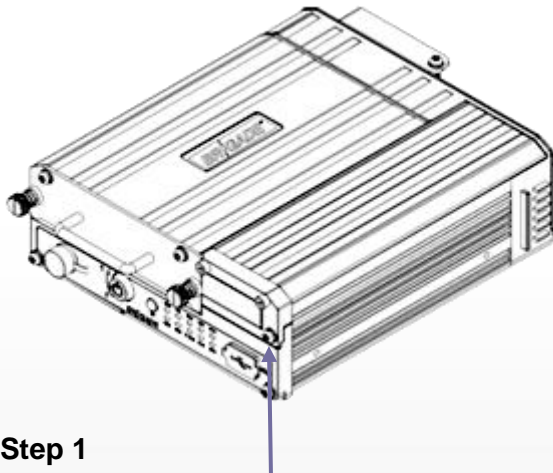
Remove the two screws. Remove the film that is placed over the SIM card slot. To unlock the SIM slot, slide and then pick up the lock. Insert the SIM card with the contact pins face down. Lock the SIM securely in place.

### **MDR-404G/GW Sim location**



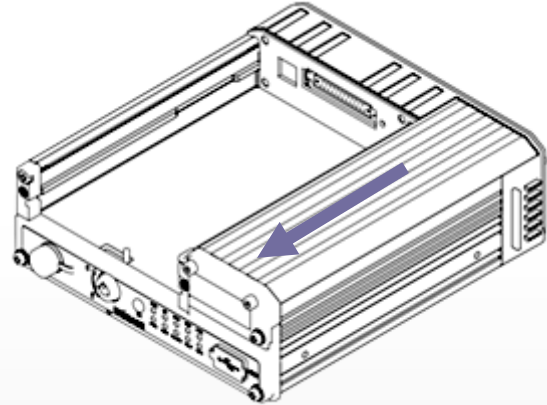
## MDR-408xx-1000 SIM card Installation/Expansion Module Upgrade

Permanent damage can be caused if these instructions are not followed. This is not warrantable. Ensure you follow ESD best practices whilst handling the expansion module.



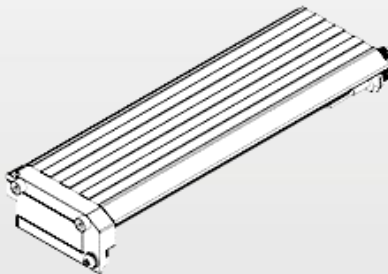
### Step 1

Remove the mobile caddy unit. Undo the screw shown above.



### Step 2

Open the SD card door. Undo the screw that is now visible. To remove the MDR-408xx-EXP, slide the panel in the direction shown above.



### Step 3

Remove the film that is placed over the SIM card slot. To unlock the SIM slot, slide and then pick up the lock. Insert the SIM card with the contact pins face down. Lock the SIM securely in place.



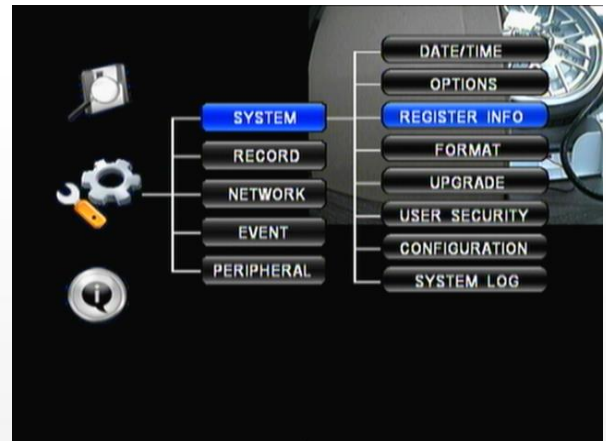
## MDR 400 Series Setup

In order for the unit to be registered on the dashboard, the following will need to be set up on the MDR unit. **Please also complete the SIM Activation form where prompted and return to Brigade Customer Services.**

### 1. Register System Information

a) Login to MDR as admin

Click **SYSTEM > REGISTER INFO**



b) Set the following parameters:

**NOTE: Two critical items need to be entered.**

**VEHICLE NO** – Enter: *The vehicle registration number (no spaces, all CAPS), this is what will be displayed on the dashboard.*

**DEVICE ID** – Enter: *The vehicle registration (no spaces, all CAPS).*

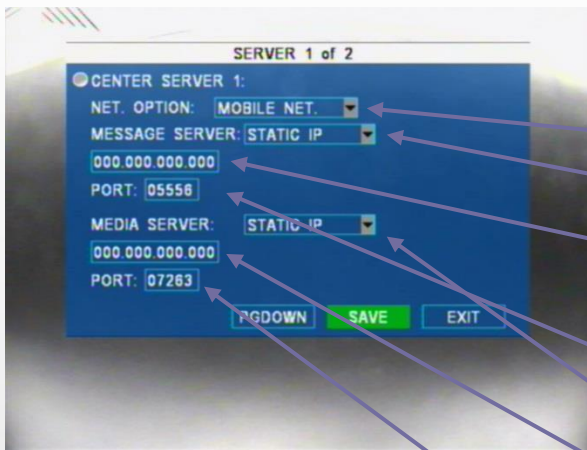
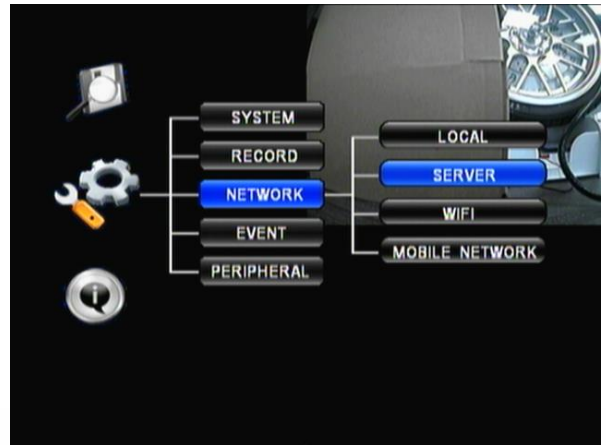
Click **SAVE**.



## 2. Server Setup

### a) Click **NETWORK > SERVER**

If you are not already logged in to the system, you will need to login as admin.



### b) Set the following parameters:

**Only fill in Page 1 (Server 1 of 2)**

**NET OPTION** – Set to: *MOBILE NET*

**MESSAGE SERVER** – Set to: *STATICIP*

**IP ADDRESS** – Enter: *The IP will be supplied by Brigade Customer Services prior to installation.*

**PORT** – Enter: *05556*

**MEDIA SERVER** – Set to: *STATIC IP*

**IP ADDRESS** – Enter: *The IP will be supplied by Brigade Customer Services prior to installation.*

**PORT** – Enter: *07263*

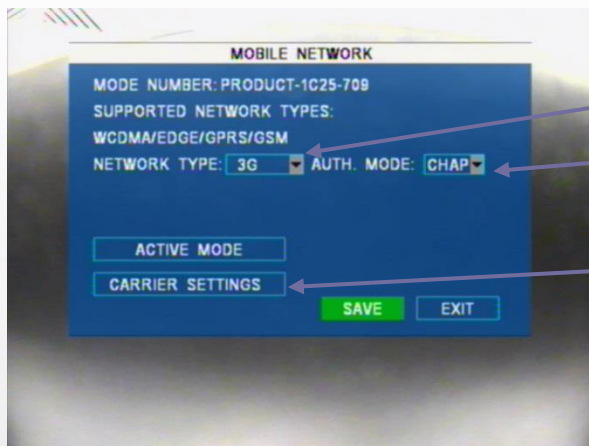
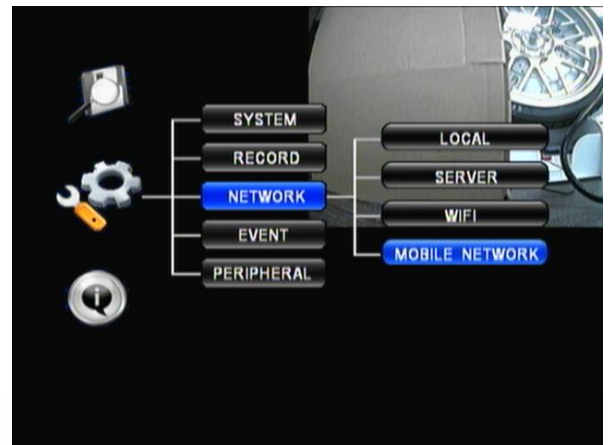
Click **SAVE**.



### 3. Mobile Network Setup

#### a) Click **NETWORK > MOBILE NETWORK**

If you are not already logged in to the system, you will need to login as admin.

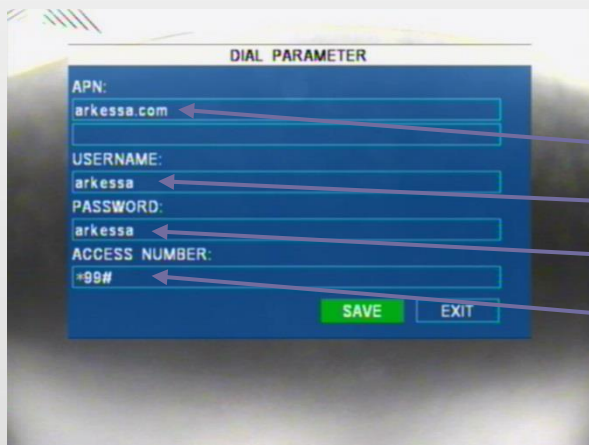


#### b) Set the following parameters:

**NETWORK TYPE** – Set to: *MIX*

**AUTH MODE** – Set to: *CHAP*

Select **CARRIER SETTINGS**. The following menu will appear.



#### c) Set the following parameters:

**NOTE: Details are case sensitive**

**APN** – Enter: *wlapn4.com*

**USERNAME** – Enter: *brigade*

**PASSWORD** – Enter: *brigade*

**ACCESS NUMBER** - Enter: *\*99#*

Click **SAVE**.

#### b) SIM label placement

Please affix the SIM card sticker clearly to the MDR not stopping or impairing any of its functionality.

