

# MOBILE DVR INSTALL GUIDE



## MOUNTING DVR

- Mount lock box so that front door is unobstructed, and top can be removed.
- Mount DVR into lock box, using existing holes in lock box base allowing for front door clearance (Use included 1/2" fasteners)

## CABLE CONNECTIONS

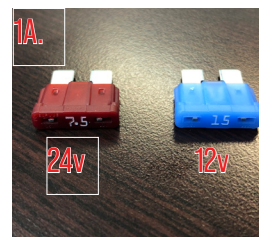
1. Connect Power cable to DVR (1A. Note correct fuse for system voltage)

### DVR WIRING DIAGRAM - POWER

RED WIRE – CONSTANT 12V (FUSE 7.5 for 24v - 15 for 12v systems)

YELLOW WIRE – IGNITION SWITCHED

BLACK WIRE – GROUND



2. Connect monitor to monitor cable to DVR port "Panel"



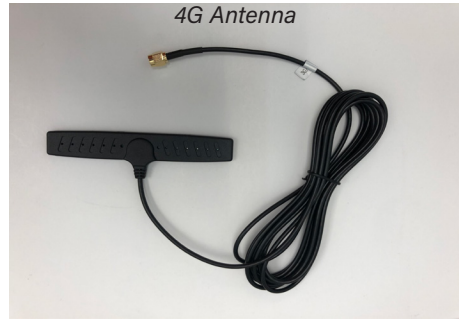
3. Connect the monitor cable from the DVR to the in-cab monitor cable. (Ensure the Monitor is mounted within clear sight of driver/operator).



4. Routing of cameras and GPS/4G antenna cables \*Optional when equipped\*.

- Run all cables ensuring they are secured and there are no pinch points.
- Mount Cameras to meet build specifications

5. 4G Antenna – When equipped, mount on any window with clear view of sky  
(Do not mount to sliding window)



6. Mount GPS Antenna on dash with silver label down and with clear view of the sky.



7. Connect 4g antenna cable to rear of DVR (Ensure you connect to the below port)

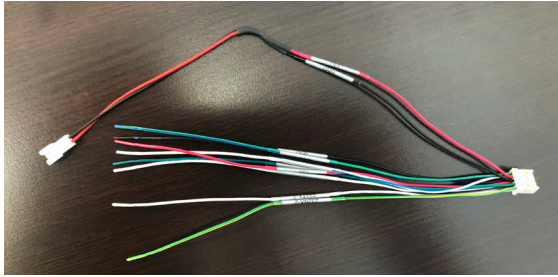


8. Connect GPS antenna cable to rear of DVR

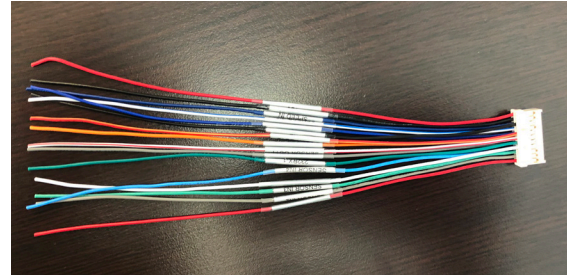


**Note:** *The following steps are only applicable for DVRs that are:*

- A. Mounted in a lock box
- B. Utilizing a radar board
- C. Utilizing side view cameras



Serial Harness for Lockbox Fan

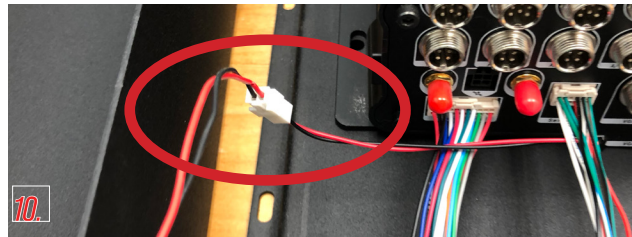
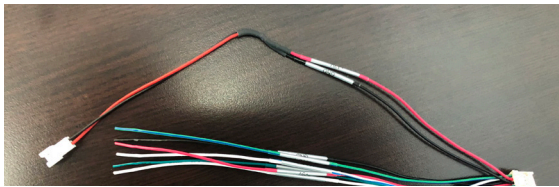


Serial Harness for Additional Equipment

9. Connect serial adapter with lockbox fan attachment to serial port on rear of DVR



10. Connect serial adapter with lockbox fan to fan harness in lockbox



**NOTE:**

When reinstalling lock box top, ensure wires are clear and secured to prevent pinching between lock box top and base.

# R8 MOBILE DVR STATUS LIGHTS



Normal operation - Blue PWR and Green REC



Normal operation with KOHLTECH Server connection - Blue PWR, Green REC and solid Green NET light



An orange ERR and red ALM light indicates a missing or damaged SD card and a disconnected or damaged camera.