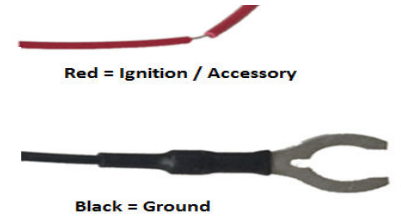


### Quick Reference Guide

User Guide and Viewing software is included in the CD and can be downloaded at [www.ventrainc.com/download](http://www.ventrainc.com/download)

- VDR-220 hardwired power cable requires 2 wire connection to vehicle fuse

**Red** = 12V DC  
**Black** = Ground



Red = Ignition / Accessory

Black = Ground



**Blue** = Camera 1 / 2

**Red** = Power cable

**Black** = EX22-GPSMIC (optional)

- Insert SD card into VDR-220 to format card. Gold pins facing up (**Do not insert or remove SD card while system is powered on**)
- Connect the 2 cameras to the 15ft camera cable included, connect to **BLUE** connector 1 and 2 input on the DVR
- Camera angle can be rotated by adjusting the "O Ring" bracket (The serial number sticker should always face towards the top for correct angle)
- Connect the power cable included with the system into the **RED** connector on the DVR (insert completely to ensure proper contact)
- Connect the power cable leads ( Red and Black) to vehicle = 12V for Red, and GND for Black
- If optional EX22-GPSMIC is purchased, connect it to the **BLACK** connector on the DVR
- EX22-GPSMIC should be mounted in a location with direct line of sight to the sky (dashboard, windshield) to receive GPS signal. Vehicle must be outdoor for GPS signal acquisition
- LED Status Indicator on EX22-GPSMIC

**PWR** = Solid indicates power on  
**GPS** = Solid if signal acquired, blinking if signal not acquired  
**REC** = Constant on while recording, blinking if not recording  
**WIFI** = System is connected to external WiFi connection



**Warning: Install VDR-220 only when vehicle is safely parked and Power is OFF.**