V E N T R A

Quick Reference Guide

Complete User Guide and PC Management software can be
downloaded on https://ventrainc.com/user-installation-guide

VMDR-888 User Guide Link

Or Scan QR Code

Prior to permanent mounting of the VMDR and cameras, lay out the system to familiarize the parts.   Do bench test
connections in vehicle or office so VMDR SD slots, cables and connectors are easily accessible

Require LCD monitor with RCA connection to connect to VMDR to view settings menu and camera angle

Power Connection

VMDR-888 power cable requires 3 wire connection to vehicle's fuse panel

Yellow = 12/24VDC Constant Power

Blue = IGN / ACC

Black   =   Ground

Connect the power cable 6 prong white square plug to the VMDR Power connector on the rear.

Use only the **3 wires on TOP** row (**Yellow, Blue and Black**) of the white Plug (Circled in red) to connect to vehicle fuse
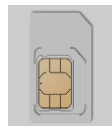
IMPORTANT: SD card MUST be formatted in the VMDR PRIOR to recording

Do NOT insert or Remove SD card while VDMR is powered On. Always power off system before handling card

SD card - IMPORTANT

- Remove the screw from the SD card slot.
- Each slot supports up to 512GB SD card. Must be class U3 / V3 or faster
- If only using 1 SD card, use SD Card Slot 1
- If using 2 SD cards, label each SD card corresponding to Slot # to avoid mix up
- If multiple vehicles, label each SD card to VMDR / vehicle # to avoid mix up
- After format, SD card will show between 77.5 – 82.5MB, but capacity not reduced

SIM Card (VMDR is compatible with T-Mobile carrier only)

If cellular data service was ordered through Ventra, a Standard side SIM card

will be included and installed in the system. If customer purchases from

T-Mobile, SIM card would need to be installed in SIM card **Slot 1 (Top slot)**

SIM card gold contacts should face **downward** when using Slot 1

Warning:

Install VMDR system only when vehicle is safely parked, leveled and Powered OFF

Professional installation is highly recommended as system connects to vehicle fuse. Refer to vehicle owner's manual

Connect camera cable to rear of VMDR

On the rear of VMDR, there are video input connections 1 – 8 (Black connectors with Tag)

Each camera requires a Ventra EX22-CBLxx mini DIN cable in various pre-made length. Can double up on EX22-CBL cable if additional length is required, up to 60ft total

Use cable loom on each cable to protect Ventra camera cable from cuts and scratches

Connect EX22-CBL cable to VMDR video input, then connect to camera. (Connect camera to VMDR before running cable in vehicle and permanent mounting to test angle)
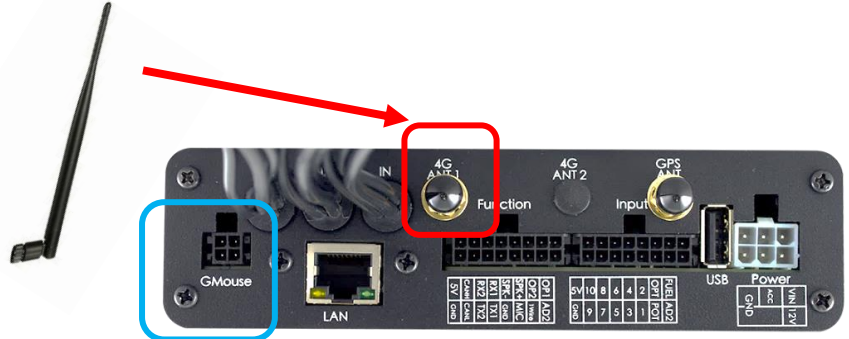
Video Output to LCD monitor

Camera Input 1 ~ 8

Requires EX22-CBL for each camera

Connect to LCD monitor (sold separately)

On the rear of VMDR, Yellow RCA video output connectors to an external LCD monitor (not included)

Connect 4G antenna

Connect 4G antenna to 4G **Antenna 1** input

Antenna 2 input not used

Connect GPS Receiver

Connect the external passive GPS cable into the **G-Mouse** port on the rear left side of VMDR

The passive GPS receiver should be placed on the dashboard, or on windshield with direct line of sight to the sky for optimal reception. Do not cover the receiver

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VMDR-888 Mobile DVR

Remote Control

Access VMDR settings menu via remote control by selecting Menu button. Requires connection to LCD monitor

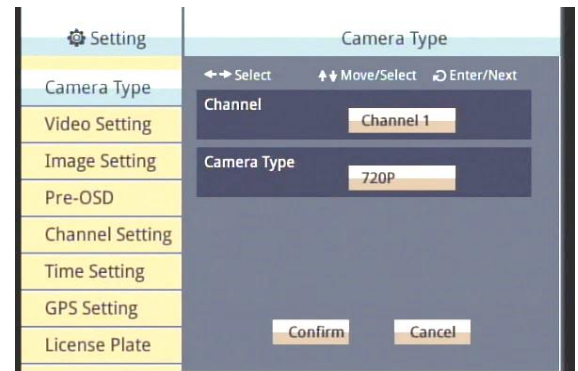| Item	Descripton	Item	Description
	Remote control button Introduction		
1	Split screen display	7	Enter
2	Force recording	8	Reverse
3	Quad full-screen display	9	Fast forward
4	Speaker mute button	10	Playback mode, play button
5	**Menu**	11	Pause
6	Navigation	12	Stop and Exit

Settings

All settings are pre-configured and ready to go out of the box

Resolution of camera: Camera Type

Default is 1080P max at **15FPS**. If using 720P max **30FPS**

cameras, **MUST** select CH and change resolution in setting for

system to see/record CH.

System will reboot after each camera resolution configuration

change

VentraCloud Remote Service (optional): 3G/4G Network   Requires Ventra 4G Config Software

If subscribe to VentraCloud remote viewing service, the 4G network

connections are pre-set. Will need to contact Ventra for login credential

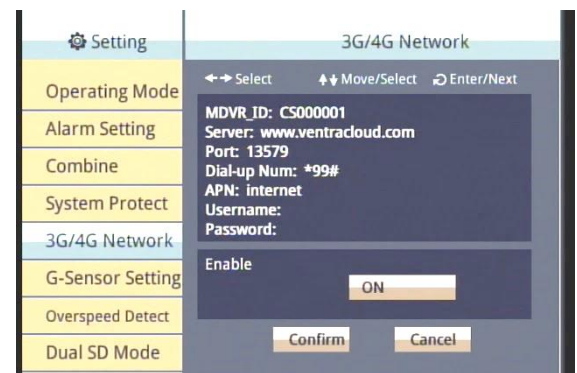Default 4G network setting. Do NOT change unless instructed by Ventra

Server: www.ventracloud.com

Port: 13579

APN: fast.t-mobile.com *or* internet   (T-Mobile only)

Dialup num: *99#

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Quick Reference Guide

Ventra VMDR Viewer

Check Video Recordings of VMDR

Once the cameras, cables, VMDR have be been connected and powered on in a staging environment. Its time to check the video recordings. (If system has been powered on)

Power OFF the VMDR <u>before</u> removing the SD Card.

Insert SD card into computer and view with VMDR PC desktop software included in CD

Or download from
<u>Ventra VMDR-8 Series PC Software - V.2.2.6.405</u>

<u>https://ventrainc.com/download-ventra/</u>

Click **Folder** icon to open select Drive pop up screen.

Select **Removable** storage button and select SD card drive from drop down menu

A list of all video recorded files will populate If VMDR was powered on and recording. Select any recording to view

Playback Date Selection

Control Interface

Google Map Key

Coordinates

Latitude and longitude

Speed

G-Sensor

Volume

Play Bar

Playback Speed

Google Map