VMDR-888 Mobile DVR

Quick Reference Guide

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

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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 **<u>3 wires on TOP</u>** 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 <u>SD Card Slot 1</u>
- 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 <u>77.5 82.5MB</u>, 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 <u>Slot 1 (Top slot)</u> <u>SIM card gold contacts should face **downward** when using Slot 1</u>

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

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Connect camera cable to rear of VMDR

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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)



Connect to LCD monitor (sold separately)

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

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Connect 4G antenna

Connect 4G antenna to 4G Antenna 1 input

Antenna 2 input not used

Connect GPS Receiver

Connect the <u>external</u> passive GPS cable into the <u>G-Mouse</u> 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





Remote Control

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



Remote control button Introduction							
Item	Descripton	Item	Description				
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 <u>15FPS</u>. If using 720P max <u>30FPS</u> cameras, <u>MUST</u> 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**

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: <u>www.ventracloud.com</u> Port: 13579

APN: fast.t-mobile.com *or* internet (T-Mobile only)Dialup num: *99#



Requires Ventra 4G Config Software

Setting	3G/4G Network				
Operating Mode	←→ Select ↓ Move/Select ② Enter/Next				
Alarm Setting	MDVR_ID: CS000001 Server: www.ventracloud.com				
Combine	Port: 13579 Dial-up Num: *99#				
System Protect	APN: internet Username:				
3G/4G Network	Password:				
G-Sensor Setting	Enable				
Overspeed Detect	The local division in which the local division in which the local division is not the local division of the local division is not the local division of th				
Dual SD Mode	Confirm Cancel				

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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 Ventra VMDR-8 Series PC Software - V.2.2.6.405

https://ventrainc.com/download-ventra/

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



Quick Reference Guide



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		\sim	Di		~	Snapshot Path		
O Badup Fie					C:\Program Files (x86)\Ventra VMDR Viewer\Snapshot\			
				Browse	h			
							Snapshot Path	
10	RECORD TIME	Davisa ID	EVENT TYPE	TIME END	Durat 0	Backup		
	2022.01.21.10.26.56	No ID	C Comme F	2022 01 21 10:27:42	00,00	Backup Format	RAW Backup File(*,sd)	
1.	2022-01-21 18:38:36	No ID	G Sensor E	2022-01-21 18:37:42	00:00			
1	2022-04-07 06:33:40	No ID	Record Start	2022-04-07 07:15:35	00:30	Record Start	2021-12-31 16:00:00	
4	2022-04-07 07:15:35	No ID	Record Start	2022-04-07 07:46:17	00:30			
5	2022-04-07 07:46:17	No ID	Record Start	2022-04-07 08:16:58	00:30	Record End Time	2021-12-31 16:00:00	
6	2022-04-07 08:16:59	No ID	Record Start	2022-04-07 08:47:40	00:30	Channel	12245670	
7	2022-04-07 08:47:40	No ID	Record Start	2022-04-07 09:18:21	00:30	Cherner	12040070	
8	2022-04-07 09:18:22	No ID	Record Start	2022-04-07 09:49:03	00:30	Backup Video		
9	2022-04-07 09:49:03	No ID	Record Start	2022-04-07 10:19:46	00:30	Backup Audio		
10	2022-04-07 10:19:46	No ID	Record Start	2022-04-07 10:50:29	00:30			
11	2022-04-07 10:50:29	No ID	Record Start	2022-04-07 11:21:12	00:30	Audio Channel	Channel 1	
12	2022-04-07 11:21:12	No ID	Record Start	2022-04-07 11:51:55	00:30			
13	2022-04-07 11:51:55	No ID	Record Start	2022-04-07 12:22:43	00:30			
14	2022-04-07 12:22:44	No ID	Record Start	2022-04-07 12:53:32	00:30			
15	2022-04-07 12:53:32	No ID	Record Start	2022-04-07 13:24:21	00:30			
16	2022-04-07 13:24:21	NO ID	Record Start	2022-04-07 13:55:08	00:30	C:\BlackBox	Backup	Path
110	2022-04-07 13:35:08	No ID	Record Start	2022-04-07 14:25:55	00:30			
	2022-04-07 14:56:42	No ID	Record Start	2022-04-07 15:27:24	00:30			
20	2022-04-07 15:27:24	No ID	Record Start	2022-04-07 15:58:01	00:30	All Day Backup		
8	2022 01 07 15 50 01				00.00 Y			



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