

4 / 8 CH LTE & WiFi VMDR-840 Series DVR



VMDR is the latest generation of ruggedized Mobile DVR from Ventra. Designed for both vehicle, equipment and remote site video recording that requires optimal performance in demanding environment. Depending on the model, the VMDR connects up to 4 or 8 AHD cameras on dual SD card for extended reliable and secure local storage. Ventra offers a variety of cameras that can be paired with the VMDR-840 series, providing complete coverage of the vehicle or asset.

Key Features



- Available in 4 or 8 CH
- 1080P / 720P HD Video Quality
- VentraCloud Video Telematics*
- Built-in LTE Cellular (Select Models)
- Records HD Video, Audio, Speed / Route
- Rugged & Reliable / Solid State Design
- Compact Size / Small Foot Print
- Dual SD card - up to 512GB x 2
- Built-in G-sensor Auto-Detect Impact Trigger
- Event Recording - Overspeed, Impact, Video Loss, Alarm Trigger
- Video Output to Optional LCD monitor
- Rear view / Video Playback
- Alarm Trigger Cable - Connect to Ext. Sensors (Door, Lock, Light)

* Requires optional VentraCloud subscription service and mobile data plan

Model:

- VMDR-844 = 4 CH
- VMDR-848 = 8 CH

System Includes

- (1) DVR
- (1) SD Card(s)
- (1) Embedded LTE Cellular (Select Models)
- (1) USB WiFi Dongle
- (1) Passive GPS Receiver
- (1) Video Out Cable
- (1) Alarm Trigger Cable
- (1) Power Cable
- (1) PC Desktop Viewing Software
- (1) Remote Control

Cameras To Complete Your System

A wide range of purpose-built ruggedized HD cameras to meet the needs of any interior or exterior recording requirement



VMDR-840 Highlights

- 4 CH / 8 CH 1080P & 720P @ 30FPS / Camera
- Continuous Auto Loop HD Video Recording on Vehicle Startup
- Supports up to 1TB SD Memory Card Storage (512GB x 2 Max)
- Embedded Cellular on Select Model
- Video Events – Overspeed, Impact, and External Alarm Trigger (If Utilized)
- Optional 1 CH External Microphone to Record Audio (Mic Sold Separately)
- VGA / AV Video Output to LCD Monitor for On-site Operation
- Wide Range of Power Input 8V~36V, Suitable For Any Kind of Vehicle
- X4 Alarm Input, X2 Alarm output, X1 Audio Input
- H.264 / H.265
- Complete Video Record List, Quick Search Event Log
- Video and Data Stored Locally on SD Card and Can Be Viewed via Included PC software (Removing SD Card from DVR and connect to PC) Or via Laptop Direct WiFi Connection via Browser (within 10ft)
- Connect External VLCD-7.7" LCD monitor* to VMDR for Viewing / Playback
- Integrate w/ ext. 3rd party Sensors - door contact, light trigger and Relays

KNOW
 WHO, WHAT, WHERE & HOW

Ventra video solution provide customers with essential information by enhancing VISIBILITY and SECURITY to streamline fleet operation



Cargo Van



Trailer / Reefer



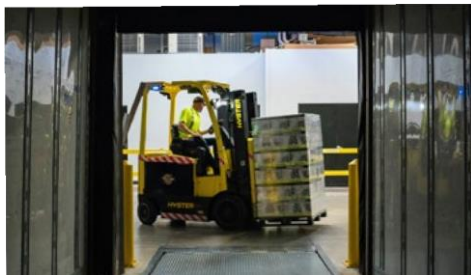
Box Truck



Semi



Bus / Transit



LOGISTICS
 Visibility and Security Application



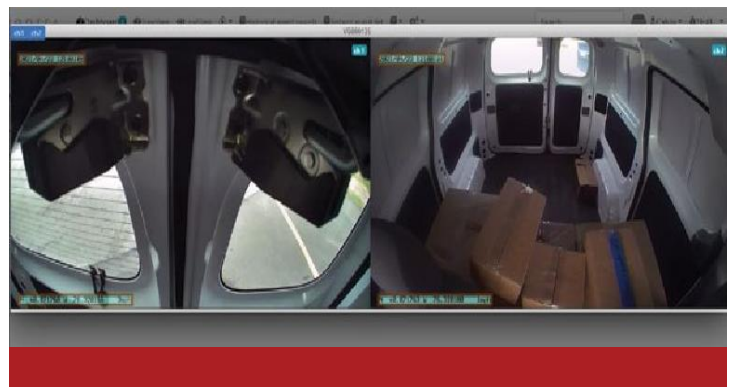
FLEET SAFETY
 Accident and Risk Application



VIDEO TELEMATICS
 Realtime Remote Viewing

Real-Time Video

VentraCloud video provides real-time visibility to significantly enhance insight regardless of type of vehicle or industry. Whether its for logistics and delivery companies to monitor personnel / cargo access, theft, pilferage or space utilization...or for bus and transit providers to record ridership and incident documentation. Ventra systems increase security while increasing operational efficiency and revenue opportunities.



VentraCloud Video Telematics Service

VentraCloud is an optional monthly service that can be added anytime, providing greater flexibility for organizations. VentraCloud live viewing and data access delivers a wealth of information to effectively manage any fleet. Whether you are on the go or behind your desk, remotely access live video feed, retrieve recordings and manage entire fleet. VentraCloud is the complete vehicle visibility solution.

LTE service powered by T-Mobile network



VentraCloud Advantage

No long term contracts (6 months) • Service can be added anytime
Monitor entire fleet or selected vehicles • Cost effective



Remote Live Viewing



Vehicle Location



GPS History



Auto Event Upload



OTA Update



Remote SD Card Download



Remote SD Card Playback



Event History Inquiry



Email Notification*



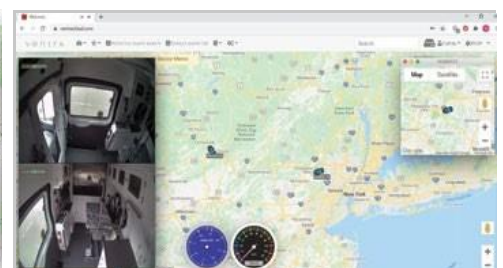
GeoFence*



VentraCloud Alarm Sensor Event



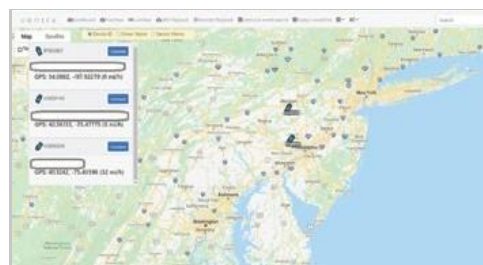
VentraCloud Remote Live View



Remote Live Viewing Of Service Van



VentraCloud Remote Playback



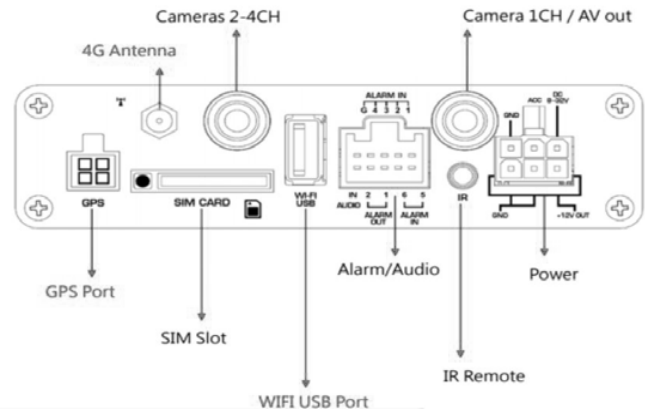
VentraCloud Map View Mode



VentraCloud Construction Site

System Layout - Rear

Robust integration capability with external sensors and devices to suit a wide range of applications.



Desktop Software

Intuitive, easy to use desktop software for video playback, speed analysis and location provides complete insight.



Hardware Specifications

Specs subject to change without notice	
Channels	VMDR-844 = 4CH / VMDR-848 = 8 CH
Record Frame Rate / Second (FPS)	1080P @ 30 FPS / CH, 720P @ 30FPS / CH
Record Resolution	1920 x 1080 (1080P) / 1280 x 720 (720P) / 960H
VideoFormat	NTSC/PAL
OS	Embedded Linux
Storage (SDCard)	SD Card x 2 (Max support 512 GB per SD Card) Speed: Class U1 or faster
G-SensorFunction	Yes (Built-in)
Camera Power Output	12V / 750mA
VideoOutput	RCA CVBS OUTPUT X1
AudioInput	Audio Input X 1 / Optional Ext. Mic Sold Separately
AudioOutput	N / A
Alarm I/O	Alarm Input x 4 (N.C) Alarm Output x 2 (N.C)
Operation Interface	GUI OSD

Language	English
DisplayMode	1CH / 4CH / 9CH
Simplex Mode	Record / Playback
Playback Mode	Time / Date, Event
Playback Full Screen	Support
LED Indicator	3 LED (REC, GPS, LAN)
Event Triggers	Over Speed, Impact, Alarm Trigger (If Utilized)
Battery	Super Capacitor
Power	8 – 32V DC (Input), 12V DC Output
Power Consumption	Working: 8 – 36VDC, 6W (12V, 0.6A) excluding cameras and monitor, Standby: > 10mA /
Dimension	4.5" x 7" x 1.25" W x D x H
Temperature (Operation)	- 4F ~ 149F (-20°C ~ 65°C)
Signal Loss Detection	Yes
IR Control	Yes (Included)
Super Capacitor	Yes
Built-in LTE (CAT 4)	EG25-GL Global Module - Depending on Model
4G / LTE Region	USA, Canada, Global
LTE Antenna	(1) SMA External
WiFi	USB 2.4GHz
GPS	External passive GPS antenna

VMDR Models

Specs subject to change without notice

Model	4CH	8CH	LTE / WiFi	SD Card Included	WiFi Only
VMDR-844-128 / VMDR-848-128			Both	128 GB x1	VMDR-844-WF-128 / VMDR-848-WF-128
VMDR-844-256 / VMDR-848-256			Both	256 GB x1	VMDR-844-WF-256 / VMDR-848-WF-256
VMDR-844-512 / VMDR-848-512			Both	512GB x1	VMDR-844-WF-512 / VMDR-848-WF-512
VMDR-844-1TB / VMDR-848-1TB			Both	512GB x2	VMDR-844-WF-1TB / VMDR-848-WF-1TB

Warranty

All Ventra equipment include One Year Limited Manufacturer warranty from date of purchase.