

8CH LTE & WiFi

VMDR-888 Series



VMDR is the latest generation of ruggedized Mobile DVR from Ventra. Designed for both vehicle and remote sites that require optimal performance in demanding environment. The VMDR connects up to 8CH 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-888 series, providing up to 8 cameras for complete coverage of the vehicle or asset.

Key Features



VMDR-888 Series

- Built-in LTE for VentraCloud Video TeleMatics*
 - 1080P / 720P HD Video Quality
 - Records HD Video, Audio, Speed / Route
 - Rugged & Reliable / Solid State Design
 - Barcode Scanner integration / recording**
 - Compact Size / Small Foot Print
 - Dual SD card - up to 1TB Storage
 - Built-in G-sensor Auto-Detect Impact Trigger
 - Event Recording - Overspeed, Impact, 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
 ** External Barcode scanner via RS232 connection

VMDR-888 Kit Includes

- (1) 8CH DVR
- (1) SD Card
- (1) Embedded LTE
- (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-888 Highlights

- 8CH- 1080P (15FPS / Camera) or 720P (30FPS / Camera) AHD Video
- Continuous Auto Loop Recording on Vehicle Startup
- Optional 1 CH External Microphone to record Audio (Mic Sold Separately)
- Wide Range of Power Input 8V~36V, Suitable for any kind of Vehicle
- X10 Alarm Input, X2 Alarm Output, X1 Audio Input and X1 Audio Output
- Events – Overspeed, Impact, and External Alarm Trigger (If Utilized)
- 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)

KNOW - WHO, WHAT, WHERE & HOW

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



Cargo Van



Trailer



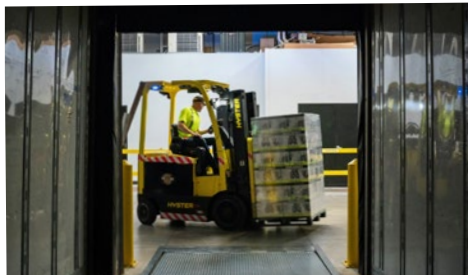
Box Truck



Semi



Bus / Transit



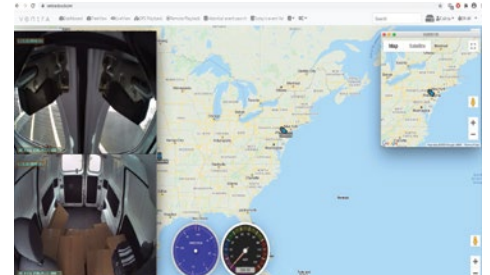
LOGISTICS

Visibility and Security Application



FLEET SAFETY

Accident and Risk Application

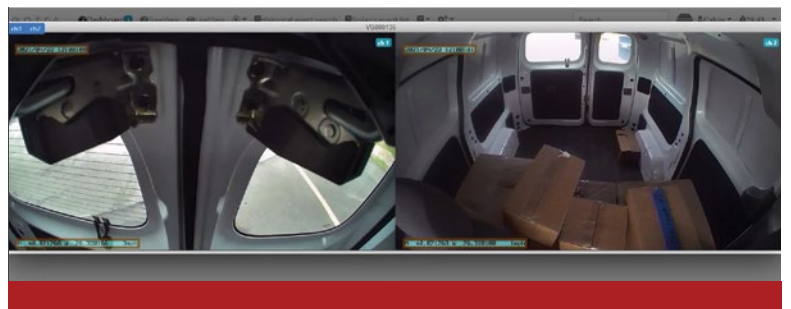


VIDEO TELEMATICS

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 in the initial deployment, or at a later stage in time, providing greater flexibility for organizations. Ventra cloud live viewing and data recovery provides a wealth of information to effectively manage any fleet. Whether you are on the go or behind your desk you can live view any vehicle in your fleet, pull data, and manage effectively. Supports Barcode UPC scan recording and upload to VentraCloud for complete mobile solution.

LTE service powered by T-Mobile network



Highlights of VentraCloud Video Telematics

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



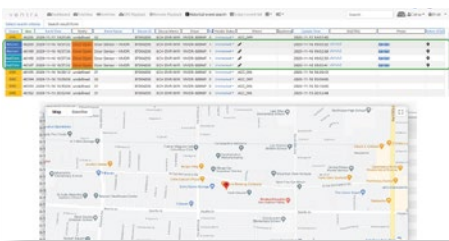
Event History Inquiry



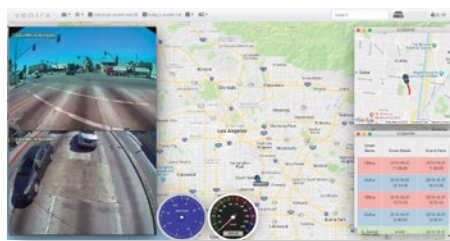
Email Notification*



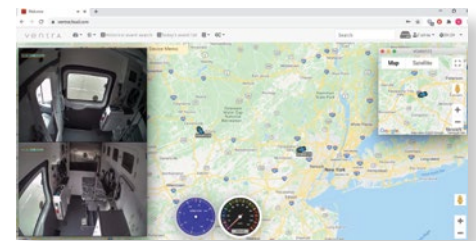
GeoFence*



VentraCloud Alarm Sensor Event



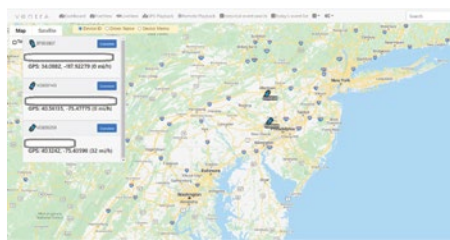
VentraCloud Remote Live View



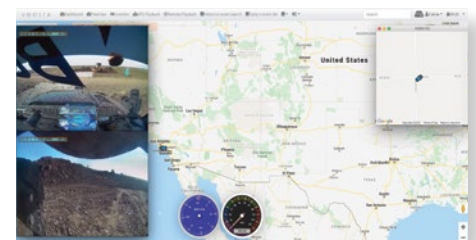
Remote Live Viewing Of Service Van



VentraCloud Remote Playback



VentraCloud Map View Mode



VentraCloud Construction Site

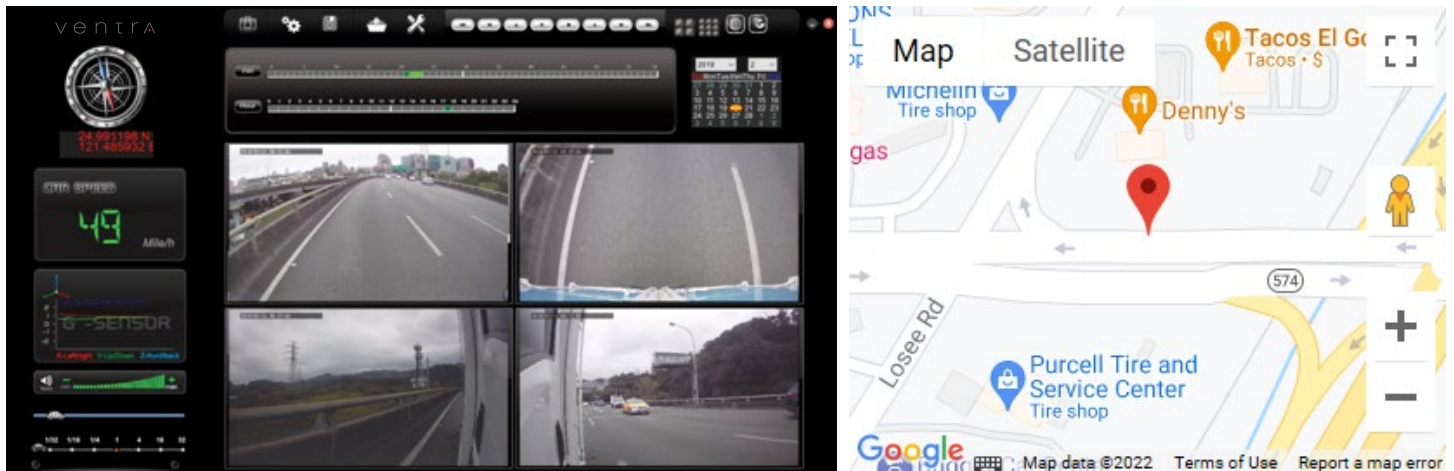
System Layout - Rear

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	8CH 1080P / 720P AHD
Record Frame Rate / Second (FPS)	1080P @ 8 CH @ 15 FPS / CH, 720P @ 8 CH @ 30FPS / CH
Record Resolution	1920 x 1080 (1080P) / 1280 x 720 (720P) / 960H
Video Format	NTSC/PAL
OS	Embedded Linux
Storage (SD Card)	SD Card x 2 (Max support 512 GB per SD Card) Speed: Class U1 or faster
G-Sensor Function	Yes (Included)
Camera Power Output	12V / 750mA
Video Output	VGA OR CVBS OUTPUT X 1
Audio Input	Audio Input X 1 / Optional Ext. Mic Sold Separately
Audio Output	Audio Output X 1
Alarm I/O	Alarm Input x 10 (N.C) Alarm Output x 2 (N.C)
Input I/O	RS232 x 2, CAN BUS x 1
Operation Interface	GUI OSD

Language	English
Display Mode	1CH / 4CH / 9CH
Simplex Mode	Record / Playback
Playback Mode	Time / Date, Event
Playback Full Screen	Support
LED Indicator	4 LED (LAN,REC,GPS,POWER)
Event Triggers	Over Speed, Impact, Alarm Trigger (If Utilized)
Battery	Internal Li-Ion 3.7V / 2200mA
Delay Shut Off Timer	Built-in (Programmable)
Power	8V – 60V DC (Input), 12V DC Output
Power Consumption	Working: 8 – 36VDC, 6W (12V, 0.9A) excluding cameras and monitor, Standby: >10mA / 12.6V
Dimension	7" x 5" x 2" W x D x H
Temperature (Operation)	- 4F ~ 149F (-20°C ~ 65°C)
Signal Loss Detection	Yes
IR Control	Yes (Included)
Super Capacitor	Yes
Buzzer Alarm	Yes
Built-in LTE (CAT 4)	USA
LTE Antenna	(1) SMA External
WiFi	USB 2.4GHz
GPS	External passive GPS antenna
Ethernet	1x RJ45 LAN

VMDR Models

Specs subject to change without notice

Model	SD Card Included
VMDR-888-128	128 GB x 1
VMDR-888-256	256 GB x 1
VMDR-888-512	256GB x 2
VMDR-888-1TB	512GB x 2

Warranty

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

*Specs subject to change without notice