

5CH Hybrid Mobile DVR

XDR-450D Series



The XDR-450D is an enhanced model 5 CH hybrid Mobile DVR for safety, security and fleet management. Designed for commercial and demanding environments, our hybrid technology incorporates HD video technology with standard definition cameras, providing cutting edge technology with optimal recording, reliability and rugged design for a wide range of vehicles and safety applications.

Key Features



XDR-450D Series

- (1) 1080P IPC + (4) 1080P / 720P AHD
- 512GB Max SD storage (256GB x 2)
- Passive GPS recording
- Speed & Route history w/ Google Map
- Set vehicle max speed limit event trigger
- Built-in Shock sensor for Impact event
- Vandal-resistant enclosure with lock
- Video out for monitoring or backup cam
- Alarm input trigger w/ ext. sensors
- Driver / Vehicle and Plate ID

XDR-450D Kit Includes

- 1) XDR Mobile DVR
- 1) 1 Color Camera*
- 1) SD Card
- 1) Management Software
- 1) Passive GPS Receiver
- 1) EX4-NPIG Video Out Cable
- 1) Power Cable

Enhanced model applies to serial number XDR450DNTKxxxxx version and later

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.



XDR-450D Highlights

- 4 CH- 1080P (15FPS / Camera) or 720P (30FPS / Camera) AHD Video
- Continuous Auto Loop Recording on Vehicle Startup
- VGA / AV Video Output to LCD Monitor for on-site Operation
- Wide Range of Power Input 8V~36V, Suitable for any kind of Vehicle
- 8 Alarm input trigger (EX4-ALC sold separately)
- H.264 Real Time Compression Chip, Higher Compression Ratio for Vivid Video Events – Overspeed, Impact, and External Alarm Trigger (If Utilized)
- Recording Format: 1080P, 720P, 960H, D1
- 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)
- Connect external VLCD-7 7" LCD monitor* to XDR for viewing / playback
- Integrate w/ ext. sensors such as door contact and light triggers

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

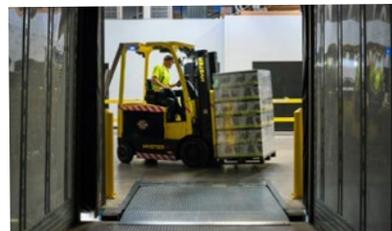


Bus / Transit

Enhance Security and Visibility Mitigate Risks

Ventra vehicle video solution enhances security and visibility to any type of vehicle, asset and industry. Widely adopted in commercial fleets to document incidents, insight on operations, as well as identifying efficiency to maximize revenue opportunities.

From logistics provider to monitor personnel / cargo access, theft, pilferage and space utilization – to bus and transportation providers to record ridership and incident documentation. Ventra is the premier Vehicle Video Solution for ANY commercial fleet



LOGISTICS
 Visibility and Security Application

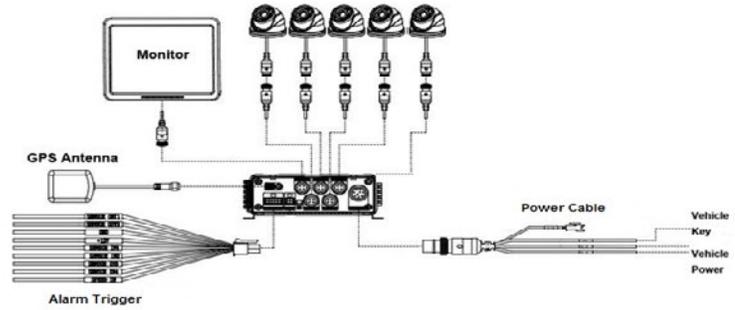


FLEET SAFETY
 Accident and Risk Application



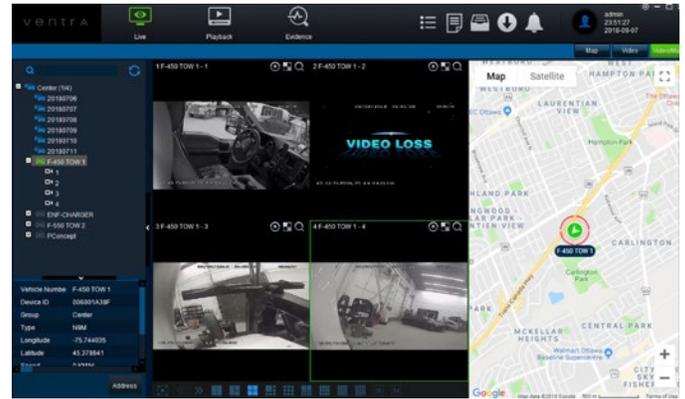
System Layout - Rear

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	
OS	Linux 4.9
Control Mode	IR remote control, USB Mouse, EX4-PGM
Video Compression	H.265 / H2.64
Video Input	5 channels (1) IPC 1080P / 720P + (4) AHD 1080P / 720P / D1
Vide Output	1 channel
Video System	NTSC/PAL optional
Audio Input	5 channels (From Camera) 2VPP Input Impedance 4.7k
Audio Output	1 channel
Display Split	1/4
OSD	GPS information, Vehicle ID, License plate, Driver ID, Alarm, Temperature, Voltage, Device information, Firmware version
Operation Interface	Semi-transparent GUI
Video/Audio Compression	Video/Audio Compression
Video Resolution	NTSC: 4 x 1080P @ 12FPS, 4 x 720P @ 30 FPS PAL: 4 x 1080P @ 10FPS, 4 x 720P @ 25 FPS IPC: 1 x 1080P @ 30 FPS

Image Quality	1~8 levels adjustable (1 is the best)
Recording Mode	Startup / Manual / Schedule / Alarm (sensor trigger, speed, acceleration, video loss, temperature)
Pre-Recording / Post-recording	Up to 60 minutes Pre-Event / Up to 30 minutes Post-Event (Applicable only when XDR is already powered on and recording)
Mirror Recording	Yes (Using one of the two SD Cards)
GPS Sensor	External passive GPS receiver
G- Sensor	Built-in 6-axis shock inertia sensor
I/O Serial	External RS-232 x 1, RS485 x 1 (sold separately)
Playback Channel	1 channel by local playback, 1/4 channel by software playback
Search Mode	Date/time, channel, file type
GPS	GPS location tracking, speed detection and time sync
SD Card Storage	512 GB Max (256 GB x 2) - Class U1 / U3 speed or higher write speed SDHC card Max 256 GB per slot
Temperature (Operation)	-30F – 150F (- 34C ~ 65C)
Relative Humidity	<95% non-condensing
Weight	1.85lb (0.83KG)
Dimension L x W x H	5.59" x 5.7" x 2.13" (167 x 146.3 x 54.1 mm)
USB	USB 2.0 x 1 (Type A)
SD	SD x 2
Alarm Sensor	8 inputs, 2 outputs (sold separately) (EX4-ALC sold separately)
Speed	Passive GPS receiver
Power Input	8 - 36V DC
Power Output	500mA @ 5V
Max Power Consumption	29 W

XDR Models (Applies to latest released model Serial Number XDR450DNTKxxxxx or later)

Specs subject to change without notice

Model	SD Card Included
XDR-450D	32GB x 1
XDR450D-128	128GB x 1
XDR450D-256	256GB x 1
XDR450D-512	256 GB x 2

Warranty

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

*Specs subject to change without notice