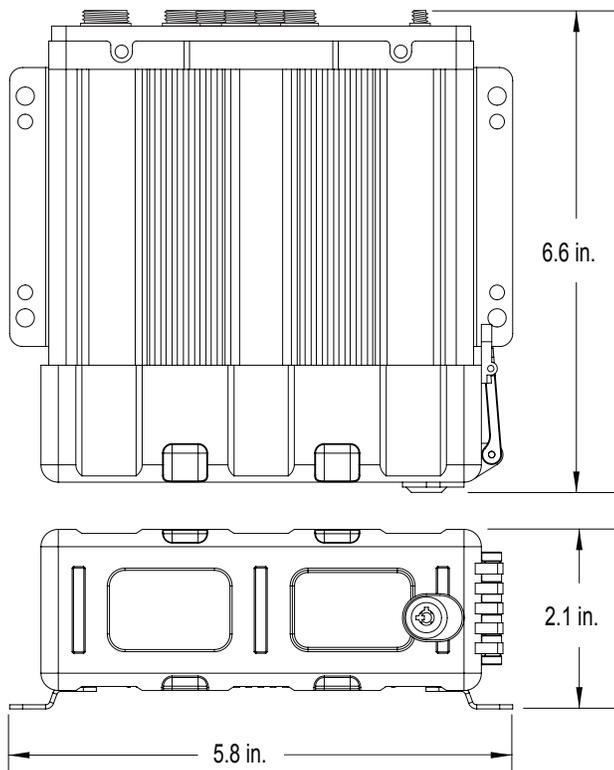


OBSERVER™ 4000 HYB 4-CHANNEL HYBRID VIDEO RECORDER (HVR)



The Observer™ 4000 HYB hybrid video recorder (HVR) is designed with the specialized capability to work with analog and high definition cameras simultaneously. Four Analog High Definition (AHD) connections support up to 720p HD resolution utilizing traditional analog cables, plus an additional Ethernet connection supports a fifth IP camera with a resolution up to 1080p. Generate amazing HD images at an analog price with dependable performance that has made the Observer series an industry leader.



Universal Application

HD over analog allows modernization of an existing system without extra charge. Connect already installed IP and/or standard analog cameras to the Observer 4000 HYB, as well as implement the latest AHD technology when you're ready to upgrade your fleet. Its robust, sub-compact design and use of solid-state SD cards, allows the rugged Observer 4000 HYB to be installed in a variety of mobile environments and used for a variety of different applications.

User Friendly Design

The Observer 4000 HYB provides the innovations and conveniences you expect from the Observer series of recorders. Advanced configuration options are easily accessed and changed via easy-to-navigate menus displayed on an optional external monitor. A USB port on the front of the recorder allows you to transfer configurations, download video clips, and update firmware quickly and efficiently. A secondary SD card either duplicates the primary SD card to ensure video is available when you need it most, or it may function as a secondary storage device, offering up to 512 GB of main storage.

Please discuss our installation, training, extended warranty, spare-in-the-air, and onsite service options with your mobile video solutions specialist!

OBSERVER™ 4000 HYB 4-CHANNEL HYBRID VIDEO RECORDER (HVR)

SPECIFICATIONS	
Part No. 4000-HYB	
Operating System	Embedded Real Time Linux
Video Standard	NTSC / PAL (selectable)
Audio/Video Inputs	4 channels AHD or Analog + 1 IP channel
Audio/Video Output	1 channel
Audio/Video Compression	ADPCM / H.264
Resolution	1080P, 720P, WD1, WHD1, WCIF, D1, HD1, CIF
Frame Rate	NTSC: (4x30) fps WD1 + 30 fps 1080P (IP) or (4x15) fps 720P (AHD) + 30 fps 1080P (IP) PAL: (4x25) fps WD1 + 30 fps 1080P (IP) or (4x15) fps 720P (AHD) + 30 fps 1080P (IP)
Image Quality (Bit Rate)	8 levels (1 is best)
Recording Mode	Continuous/Schedule/Alarm
Pre-Event Recording	Configurable up to 60 minutes
Post-Event Recording	Configurable up to 30 minutes
Mirror Recording	Yes
GPS (Antenna Included)	Built-in module (location tracking, speed detection, and time sync)
Storage (lockable)	1 x Class 10 SD Card (256 GB max) 1 x Class 10 SD Card (256 GB max, mirror recording optional)
Interfaces	1 x RS-232 and 1 x USB 2.0
Sensor Inputs	8 inputs, 2 outputs
Power Input	8 - 36V DC
Power Output	5V at 500mA
Power Consumption	29W
Dimensions (w x h x d)	5.59 in x 2.13 in x 5.7 in (142 mm x 54.2 mm x 144.8 mm)
Weight	1.5 lbs. (0.7 kg.)
Operating Temperature	-40° F to approx. 158° F (-40° C to approx. 70° C)
Relative Humidity	8% - 90%
Certifications	MIL-STD-810
Configuration	IR remote control (included); monitor (optional)
WITH A SAFETY VISION MONITOR	
On Screen Display	GPS information, event, temperature, voltage, device information, firmware version, MCU version
Display Split	1/4/9
Playback	1 channel by local monitor, 1/4 channels with software
Search Mode	date/time, channel, event

WHAT'S IN THE BOX?	
1 x 4000 HVR	
1 x GPS Antenna	
1 x Remote Control	
1 x Storage Media Key	

ACCESSORIES	
Safety Vision Monitor	
Event Button (Requires sensor harness and COM extender)	
Uninterruptible Power Supply (UPS)	