OBSERVER™ 4112 HVR AHD
HYBRID VIDEO RECORDER WITH AHD TECHNOLOGY

The Observer™ 4112 Hybrid Video Recorder (HVR) now incorporates analog high definition (AHD) technology in addition to network IP cameras, providing the maximum flexibility and sharpest images. This innovative combination allows the Observer 4112 HVR to replace legacy DVR systems as well as implement the latest innovations when you're ready to upgrade your fleet. Hybrid recording technology paired with a compact, rugged enclosure allows the Observer 4112 HVR to be installed in a variety of mobile environments and used for a variety of different applications.

SPECIFICATIONS

Part No. 4112-HVR

OS Support	Linux 3.0.8
Cameras Supported	Up to 8 analog and/or AHD + 4 IP *(requires PoE switch)*
Video Outputs	2 channels
Frame Rate	**NTSC:** 8 × 1080p at 10 FPS (AHD) + 4 × 1080P at 30 FPS (IP) or 8 × 720p at 30 FPS (AHD) + 4×1080P at 30 FPS (IP) or 8 × D1 at 30 FPS (AHD) + 4 × 1080P at 30 FPS (IP) **PAL:** 8 × 1080p at 10 FPS (AHD) + 4 × 1080p at 30 FPS (IP) or 8 × 720p at 25 FPS (AHD) + 4 × 1080p at 30 FPS (IP) or 8 × D1 at 25 FPS (AHD) + 4 × 1080P at 30 FPS (IP)
Image Quality	8 levels
Storage	1 × SATA II 2 TB HDD or 1 TB SSD
Recording Modes	Manual/schedule/alarm (sensor trigger, speed, acceleration, video loss, temperature)
Mirror Recording	1 × SD card (256 GB max)
Pre-Event Recording	Configurable up to 60 minutes
Post-Event Recording	Configurable up to 30 minutes
Ethernet	RJ45 × 1 (10/100 M/1000M)
Wi-Fi (Antenna Required)	Embedded module (802.11b/g/n)
GPS (built-in)	Fleet tracking, speed detection, and sync time
Accelerometer	3 dimensions: X, Y, and Z axis
Interfaces	**Front:** 1 × USB 2.0 **Rear:** 1 × USB 2.0, 2 × RS232, 2 × RS485
Sensors	8 inputs, 2 outputs
Power Input	8 ~ 36V DC, ACC
Dimensions (w × h × d)	9.02 in × 4.3 in × 11.9 in (229.0mm × 108.3mm × 302.7mm)
Certifications	CE, FCC, ISO7637, MIL-STD-810F, ROHS, IEC61373, EN50-155, EN60068-230

Analog High Definition

HD over analog (AHD) allows modernization of an existing system without extra charge. Connect up to eight previously installed analog cameras to the Observer 4112 HVR, as well as implement the latest AHD technology when you're ready to upgrade your fleet. AHD cameras provide sharp, up to 1080p high definition images over traditional analog cables for the ultimate in installation convenience and maintenance.

Ample and Secure Storage

A single hard disk drive (HDD) or solid state drive (SSD) can store up to 2 terabytes (TB) and 1 TB of data, respectively, in a secure format while a removable SD card provides a mirror/alarm recording feature to ensure valuable video isn't lost. Proprietary data-filing systems and robust anti-vibration technology ensure reliable recordings in any environment.

Foresight PRO

The Observer series of recorders are complimented by the feature-rich Foresight PRO backend management software. Foresight PRO renders extensive customizable reports on all aspects of your fleet, while historical GPS mapping and Live Look-in remote viewing features let you keep an eye on driver activity, past and present.

Please discuss our installation, training, extended warranty, and onsite service options with your mobile video solutions specialist!

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