

OBSERVER™ 4108

8-CHANNEL DIGITAL VIDEO RECORDER (DVR)



SPECIFICATIONS

OS	Embedded Real Time Linux
Configuration	IR Remote (included); CP3, Network
Video Standard	NTSC / PAL Selectable
Audio/Video Inputs	8 Channels (SV threaded connector)
Audio/Video Output	2 Channels (BNC connector)
Audio/Video Compression	H.264 / ADPCM
Resolution	D1 (704 x 480); Half D1 (704 x 240); CIF (352 x 240)
Frame Rate	D1 - 15 fps Global; HD1 and CIF - 30 fps Global
Image Quality	8 Levels (1 is best)
Recording	Continuous, Scheduled, Event
Bump on Alarm Recording	Supported on all channels (resolution, frame rate & image quality)
Pre-Event Recording	Configurable up to 60 minutes
Post-Event Recording	Configurable up to 30 minutes
Display Split	1 / 4 / 9
Ethernet	10 / 100 RJ-45 Port
Wi-Fi	Built-in
GPS	GPS Location tracking, speed detection, and sync time
Storage	1 x 2.5" SATA HDD (2 TB max) or 1 x 2.5" SATA SSD (1 TB max) 1 x Class 10 SD card (128 GB max, mirror recording)
Interfaces	2 x USB 2.0 2 x RS-232 2 x RS-485
Sensor	8 Sensor inputs / 2 outputs
Power Input	8 to 36V DC With built-in power conditioner
Power Output	12V at 2A, 5V at 2A
Power Consumption	<15W Without cameras and accessories connected
Dimensions	7.5 in x 2.5 in x 8.5 in (L 212 mm x W 175 mm x H 63.5 mm)
Weight	5.7 lbs (2.6 kg)
Operating Temperature	-25°C to approx. 55°C
Relative Humidity	8% to 90%

The 8 channel Observer™ digital video recorder is a compact, rugged DVR designed to withstand the demanding shock and vibration requirements of in-vehicle recording. With hard disk drive (HDD) storage and an innovative mirror recording feature to a removable SD card offers high storage capacity. The Observer records up to 8 audio/video channels, location data from built-in GPS, as well as metadata from a large array of sensors. Wi-Fi allows for remote and live viewing capabilities. Designed to be modular and durable for maintenance ease, this DVR also delivers reliable, advanced quality video with up to 30 FPS (per camera). With H.264 compression, the Observer provides superior image quality for the mass transit mobile surveillance applications.

Accessories

Uninterruptable Power Supply (UPS)

Touch screen control monitor

External impact sensor and thermometer

Fireproof backup data storage box

LED display panel with panic button

POE smart switch

I/O sensor input HUB

Warranty

3 years