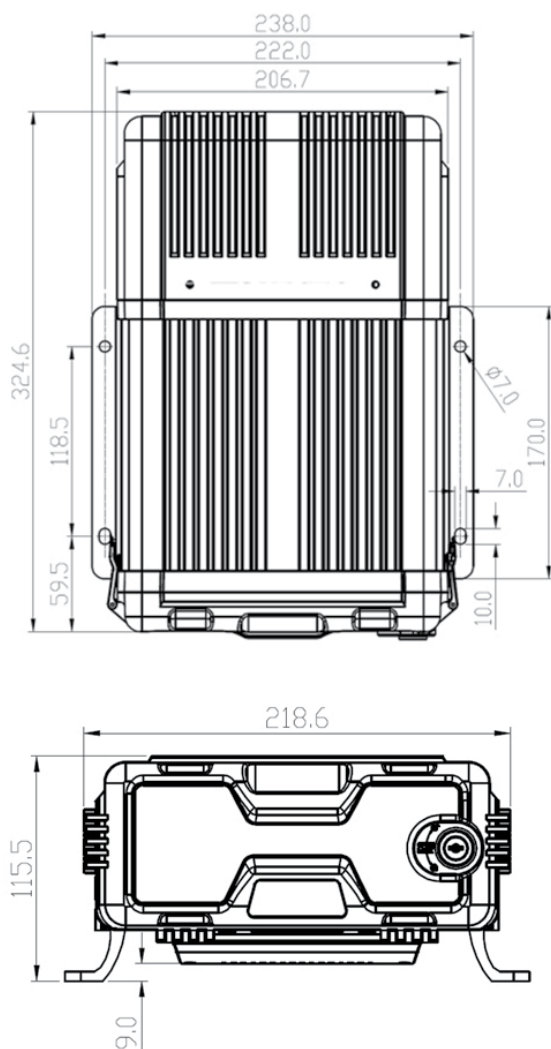


OBSERVER™ 4116 NVR

NETWORK VIDEO RECORDER WITH AHD TECHNOLOGY



The Observer™ 4116 NVR is a rugged, solid state network video recorder (NVR) designed to withstand the demanding shock and vibration of the mobile environment. The Observer 4116 NVR offers the ability to utilize up to 16 high definition network IP cameras with recording resolutions up to 1080p.



High Definition Recording

The Observer 4116 supports up to 16 high definition IP cameras using single cable connectivity with PoE. Utilizing H.264 compression, users can expect up to 9 times greater resolution compared to analog video solutions while maximizing on-board storage capacity. High definition recording benefits users by providing more pixels on the point of focus for clearer identification and by using fewer cameras to provide equivalent or greater coverage compared to analog systems. And as a completely IP-based solution, installation and maintenance are simplified utilizing single cable, plug-and-play operation.

Ample and Secure Storage

Dual hard disk drives (HDDs) store recorded data 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 antivibration technology ensure reliable recordings in any environment.

Powerful Foresight PRO Viewing Software

The Observer series of recorders are complimented by the feature-rich Foresight PRO viewing software, capable of rendering extensive customizable reports on all aspects of your fleet, while the 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!

OBSERVER™ 4116 NVR

NETWORK VIDEO RECORDER WITH AHD TECHNOLOGY

SPECIFICATIONS	
Part No. 4116-NVR	
OS Support	Linux 3.0.8
Access Control	CP4, web interface (<i>Wi-Fi or interface</i>), mouse (<i>wireless</i>)
Cameras Supported	Up to 16 IP cameras
Audio/Video Outputs	1 video output channel and 1 audio output channel
Display	1/4/9 image display
On-Screen Display	GPS information, triggered alarm, temperature, acceleration, voltage, device information, software version, MCU version, network status
Frame Rate	NTSC: 16 × 1080p at 30 FPS (IP) PAL: 16 × 1080p at 25 FPS (IP)
Image Quality	8 levels
Image Resolution	NTSC: 1080p (1920×1080), 720p (1280×720) PAL: 1080p (1920×1080), 720p (1280×720)
Storage	2 × SATA II SSD (2 TB max each, 4 TB total) OR 2 × SATA II HDD (2 TB max each, 4 TB total)
Recording Modes	Power on / manual / timer / alarm event recording
Mirror Recording	1 × SD card (256 GB max)
Redundant Storage	External fire proof box (<i>optional</i>)
Pre-Event Recording	Configurable up to 60 minutes
Post-Event Recording	Configurable up to 30 minutes
Ethernet	2 × RJ45 (10/100 M and 1000M)
Wi-Fi (Antenna Required)	Embedded module (802.11b/g/n)
GPS (built-in)	Location tracking, speed detection, and sync time
Accelerometer	3-Axis
Interfaces	Front: 1 × USB 3.0 (<i>type A</i>), 1 × eSATA Rear: 1 × USB 2.0 (<i>type B</i>), 2 × RS232, 2 × RS485
Sensors	8 inputs, 2 outputs
Power Input	8 ~ 36V DC, ACC
Power Output	5V @ 500 mA, 12V @ 500 mA
Operating Temperature	-14° F ~ 158° F (-10° C ~ 70° C) -40° F ~ 158° F (-40° C ~ 70° C) (<i>with heating module</i>)
Dimensions (w × h × d)	9.4 in × 4.5 in × 12.8 in (238 mm × 115.5 mm × 324.6 mm)
Certifications	MIL-STD-810, IEC 60068, FCC, CE, EN50155 EMC, ISO7673