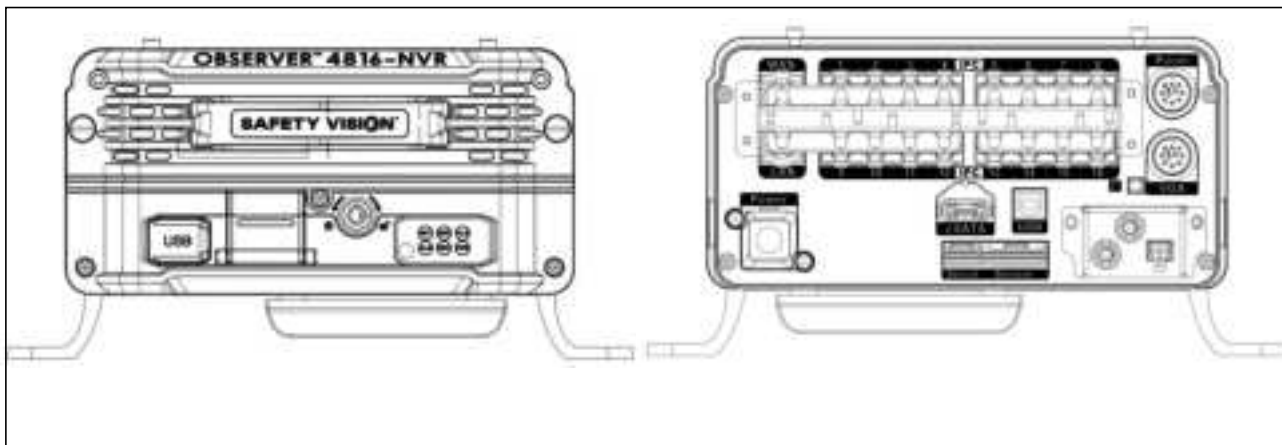# 4816-NVR

Mobile Digital Video Recorder

Overview

4816-NVR is developed from the brand new platform N9M, which is an advanced and function-extensive Mobile Video Recorder specially designed for high definition IP camera input and excellent extension. It uses high-speed processor and embedded operating system, patented file system 5.0 to ensure the safety and integration of important data, combining with H. 264, H. 265 video compression / decompression technology, network technology and GPS locating technology. It can support 1080P,720P high definition and WD1, WHD1, WCIF, D1, HD1, CIF video recording and vehicle driving information recording, as well as wireless data upload. With the center software it also achieves alarm linkage central monitoring, remote management and playback analysis. It is powerful with modular design, flexible installation, easy maintenance and high reliability.

Specification

Function Overview		Live view, Recording, Playback, Network, Locating
System	OS	Linux
	Control Mode	CP4, Easy Check, Network (WIFI), Mouse
Video	Input	16 channel IPC (4K max.)
	Output	2 channels
	Total Resource	16 x 1080P@30fps
Audio	Input	16 channels
	Output	2 channels (VGA, CP4)
Display	Display Split	1/4/9 Image display
	OSD	GPS, alarm, acceleration, license plate number, speed, time, etc.
	Operation Interface	Firmware GUI, Web UI
Recording	Video/Audio Compression	Video: H.264, H.265
		Audio: ADPCM, G.711A, G.711U
	Image Resolution	4K(Max.),1080P, 720P, WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240), CIF(352x240)
	Image Quality	8 Levels adjustable
	Recording Mode	Schedule/alarm (sensor, speed, acceleration trigger etc.)
	Pre-recording	0-60minutes
	Post-recording	0-30 minutes
	Mirror Recording	Support
Playback	Playback Channel	4 channels by local playback
	Search Mode	Date/time, channel, event
Network	WIFI	802.11 a/b/g/n/ac
	Ethernet	RJ45 x 1 (10M/100M/1000M)
	IPC Ethernet	RJ45(16x10M/100M, POE power supply)
Locating	GPS	Location tracking, speed detection and time sync.

Storage	Hard disk	Supports 3.5'' 10TB (Max.), 2 x 2.5'' hard disk or SSD up to 4TB
Interface	USB	USB2.0 x 2
	SD	SD slot x 1
	SIM	SIM slot x 1(Optional)
	Sensor	8 inputs, 2 outputs
	Serial port	RS232 X 2, RS485 X 2
	Speed	1 channel pulse speed detection
	Interface	Touch panel CP4 (Optional)
	Intercommunication	I MIC interface
	VGA	VGA x 1
Power	Input	DC8-36V
	Output	5V@500mA, 12V@500mA
	Max Power Consumption	136W
	Standby Power Consumption	≈0W

Product Connection View

Physical Characteristic	Dimension (L × W × H)	362.4x 254 x 127mm (With the rear cover)
Environment	Operating Temperature	-40℃- +50℃(With heater) or -5℃- +50℃ (Without heater)
	Operating Relative Humidity	8%~90%

FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.