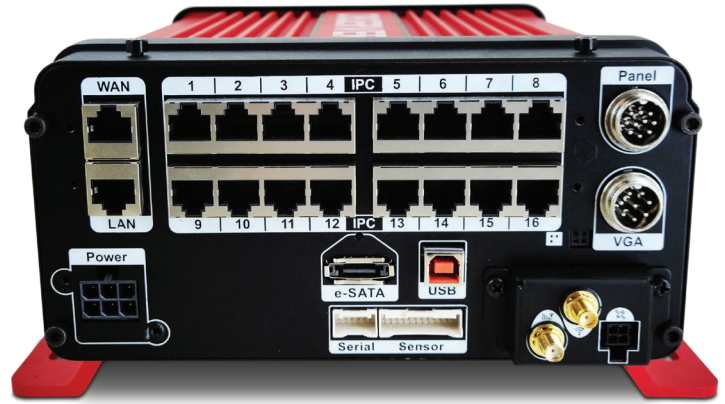


OBSERVER™ 4816 NVR

16-CHANNEL NETWORK VIDEO RECORDER



The Observer 4816 NVR is a powerful all IP solution that records up to 16 digital IP cameras for premium quality images in full HD resolution. Utilizing the latest H.265 video compression technology for smaller file sizes, the Observer 4816 NVR can store even more HD video and significantly lower bandwidth costs when wirelessly offloading recorded footage. With storage options up to 10 TB available to choose from, the Observer 4816 NVR also features built-in Wi-Fi and cellular networking capabilities, embedded GPS, a built-in accelerometer, and an SD card slot for optional mirror recording.

PART NUMBER

4816-NVR

OS SUPPORT

Linux 4.9

CAMERA CHANNELS

16 IP channels

AUDIO / VIDEO OUTPUT

Audio: 1 channel

Video: 2 channels (CPA, VGA)

RECORDING RESOLUTION

16 × 1080p @ 30 fps (IP)

VIDEO COMPRESSION

H.265/H.264

QUALITY SETTINGS

Adjustable 8 levels

STORAGE

1 × 3.5" SATA HDD (up to 10TB total)

or

2 × SATA II HDD or SSD (up to 2TB each, 4TB total)

Mirror Recording: 1 × SD card up to 256 GB max (optional)

RECORDING MODES

Continuous / scheduled / alarm

PRE-EVENT RECORDING

Configurable up to 60 minutes

POST-EVENT RECORDING

Configurable up to 30 minutes

ETHERNET

2 × RJ45 (10 / 100 / 1000M)

WI-FI (ANTENNA REQUIRED)

Embedded module (802.11 b/g/n/ac)

GPS (BUILT-IN)

Antenna required (date / time, speed, mapping data)

ACCELEROMETER (BUILT-IN)

3-Axis

INTERFACES

Front: 1 × USB 3.0 (type A)

Back: 1 × USB 2.0 (type B), 2 × RS232, 2 × RS485

SENSORS

8 inputs, 2 outputs

POWER INPUT

8 ~ 36V DC

POWER OUTPUT

5V @500mA, 12V @500mA

OPERATING TEMPERATURE

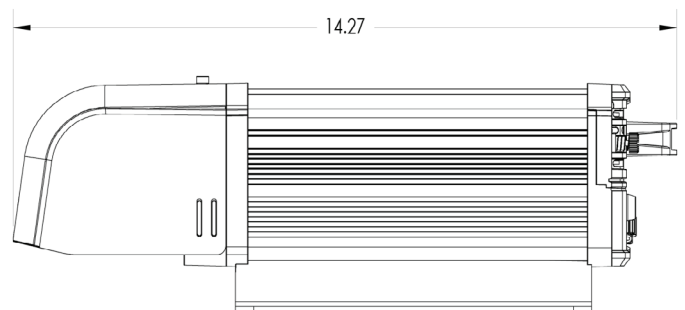
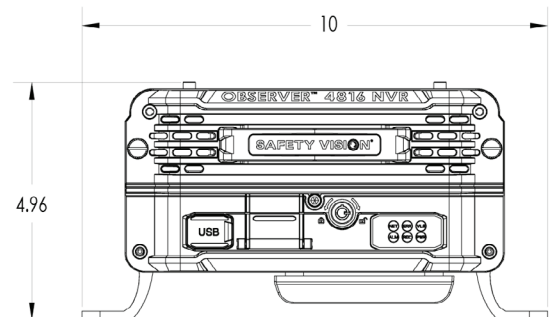
-40° F ~ 158° F (-40°C ~ 70°C)

DIMENSIONS (W × H × D)

10 × 4.96 × 14.27in (254 × 125.98 × 362.46mm)

CERTIFICATIONS

CE, FCC, CE-EMC, RoHS, EN50155-EMC, EN50155-RELIABILITY, ISO7637, MIL-STD-810, CE-RED, CE-GPS, CE SAR, CE SAFETY, FCC-DOC, CE-EMC, ISO7637



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