

NVR-W104

4 Channel Compact 1U WiFi Network Video Recorder



- H.264/MJPEG codec decoding
- Max 80Mbps Incoming Bandwidth
- Up to 5MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output
- Support three-antenna to strengthen the WiFi signal
- Support 2.4GHz and 5GHz dual-bands

System Overview

For the ultimate in convenience and ease of use this 4 channel WiFi NVR hits the spot. This NVR features a built-in WiFi router with WPS (WiFi Protected Setup) for one button setup.

No more CAT-5 cables running from your cameras to the NVR just mount your cameras and add power and point them at your wireless NVR.

The system is perfect for small offices, restaurants, and homes. ICRealtime offers multiple cameras that work both inside and outside with this NVR.

Welcome to the future of surveillance.

H.264

Like all IC Realtime series products, this device utilizes H.264E (Enhanced H.264) compression technology, enabling crisp image viewing with the least bandwidth consumption possible. This unit adopts an embedded system design, as well as a Linux Operating System, resulting in high levels of stability, performance, and most importantly: reliability.

Smart Fan Design

The smart fan can automatically turn on or turn off according to the CPU temperature. This function can effectively reduce the fan noise to provide a better user experience.

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer.

Flexible Recording

The NVR offers a variety of configurable recording options and schedule that saves HDD space and active monitoring time. The recorder monitors incoming video and can be programmed to record if motion is detected or if an alarm is triggered. The recorder can also be programmed to record on a schedule or at different intervals. The recording options and schedules can be set for each individual camera or copied to all cameras.

Technical Specification

System

Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX

Video

IP Video Input	4 Channel
----------------	-----------

Audio

Input	N/A
Output	N/A
Two-way Talk	N/A

Display

Interface	1 HDMI, 1 VGA
Resolution	1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Decoding Capacity	2ch@4K 30fps, 8ch@1080P 30fps
Display Split	1/4
Privacy Masking	N/A
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Video/Audio Compression	H.264/MJPEG
Image Resolution	5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	80Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Camera Blank, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Video Detection & Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank
Alarm Input	N/A
Relay Output	N/A

Playback & Backup

Sync Playback	1/4/9/16
Search Mode	Time /Date, MD and Exact Search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Network

Ethernet	1 RJ-45 Port (10/100/1000Mbps)
PoE	N/A
Network Functions	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, SNMP, IP Search
Max. User Access	128 users
Smart Phone	Android, iOS, iPhone
Interoperability	ONVIF 2.4, CGI Conformant

Storage

Internal HDD	1 SATA III Ports, Up to 6 TB capacity for each HDD
HDD Mode	Single
External HDD	N/A

Auxiliary Interface

USB	2 USB Ports (2 USB2.0)
RS232	N/A
RS485	N/A

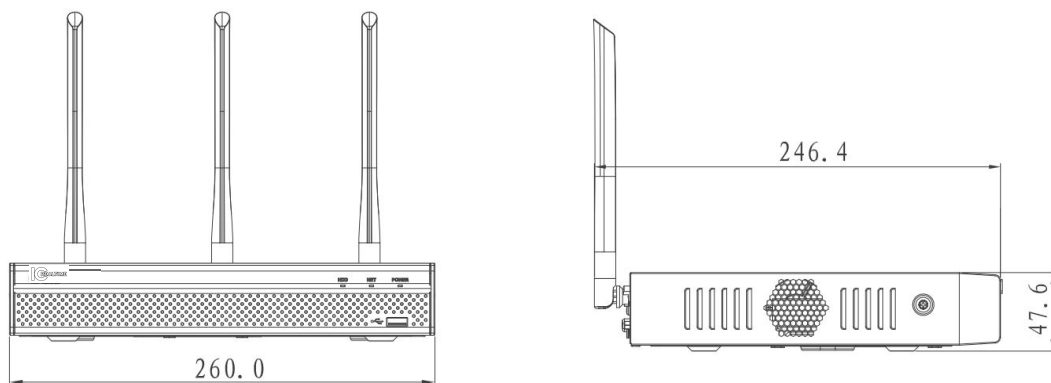
General

Power Supply	Single, DC12V/2A
Power Consumption	<10W (Without HDD)
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Dimensions (W×D×H)	260mm x 246.4mm x 47.6mm (10.24" x 9.7" x 1.87")
Weight	2.0kg (4.4 lb)(Without HDD)

Certifications

Certifications	CE: Coming soon FCC: Coming soon
----------------	-------------------------------------

Dimensions (mm/in)



Panels

