

## ZIPK4W2

4 Channel Network Wireless Video Recorder  
4 2MP Wireless IP Cameras



Front panel

Rear panel



### Key Features

- EZ Wizard – for easy network and system setup
- EZ Search: search events from thumbnails
- EZ Record: set up recording resolutions and recording type
- EZ Copy: copy what you are playing onto a USB flash drive
- EZ App Setup: just scan a QR code with the app to view your cameras on your mobile device

### Recorder Features

- Up to 2MP resolution for live view, recording, and playback
- Supports H.264
- Free US-based DDNS service
- Remote monitoring via PC, Mac, and mobile apps
- 1TB storage

### Camera Features

- Supports up to 2MP resolution
- 4.0mm wide angle lens
- IR range up to 65' (built-in IR LEDs)
- Supports H.264 compression
- Wireless range up to 200 ft. (line of sight)
- Built-in mic

### What's in the box:

- NVR with 1TB hard drive
- Four 2MP Wireless cameras
- Four 45' DC power extension cables
- One 3ft Ethernet cable
- Remote control (battery included)
- HDMI cable

### Camera Specifications

<b>Video</b>	
Imaging Device	2M CMOS (1/2.7")
Effective Pixels	1920(H)x1080(V)
Scanning System	Progressive
Horizontal Resolution	1080p
Min. Illumination	1Lux (IR LED ON)
<b>Lens</b>	
Focal Length	4.0mm
Max. Aperature Ratio	F2.0
Angular Field of View	Diagonal: 102*
<b>Operational</b>	
Shutter Mode	Auto
Gain Control	Auto
White Balance	Auto
Wide Dynamic Range	D-WDR
Digital Noise Reduction	3DNR
PIR	Yes
Mic	Yes
OSD	N/A
Flickerless	Manual (50Hz/60Hz optional)
Day & Night	TRUE D/N, Auto

Night Distance	65ft/20M (Total darkness)
Video Output	Wireless
Wireless range	200' (line-of-sight)
<b>Environmental</b>	
Operating Temperature / Humidity	14°F ~ 122°F / Less than 90% RH Startup: 14°F ~ 122°F
Ingress Protection	IP66
<b>Electrical</b>	
Input Voltage	12V/500mA DC Adaptor

### NVR Specifications

<b>Video</b>	
Inputs	4CH Wireless
Resolution	1080p
Multi Screen Display	1/4/SEQ
<b>Live</b>	
Frame Rate	Max. 60fps@1080p Main Stream: 1~15fps@1080p per channel Sub Stream: 1~15fps@640*360 per channel
Resolution	1080p
Multi Screen Display	1/4/SEQ

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## NVR Specifications

### Operating System

Embedded Linux

Installation Wizard Support

### Recording

Compression H.264 (Protocol Raysharp)

Recording Bandwidth Up to 8Mbps (4ch simultaneously, Max. 2Mbps per channel)

Record Rate Main Stream: Max. 15fps@1080p per channel

Mode Manual, Schedule (Continuous/Event), Event (Pre/Post)

Event Video Loss, Motion (Sensitivity Level 1~8)

Overwrite Modes Off/On (Auto/1/3/7/14/30/90 days)

Pre-alarm Min. 1sec

Post-alarm Up to 5min (30 Sec, 1/2/5min)

Search Mode Date/Time, Event, Motion

Playback Function Fast Forward / backward (2x, 4x, 8x, 16x)  
Slow Forward (1/2x, 1/4x, 1/8x, 1/16x)  
Step Forward

Live stream Max 60fps @1080p, Max 60fps @640\*360

Protocol Support TCP/IP, UDP/IP, RTP(UDP, RTP(TCP), RTSP, NTP, HTTP, DHCP, SMTP, DNS, DDNS, UPNP

Monitoring Web, Mobile, Netview for PC/Mac

### Storage

Internal HDD 1 SATA HDD Max6TB

SD Card 1 SD Card Max 32GB

USB (Back-Up) 2 USB Ports

File Format (Back-Up) H.264, AVI, MP4

### Interface

#### Video

VGA 1 VGA (1,024x768, 1,280x1,024, 1,280x720, 1,440x900)

HDMI 1 HDMI (1,024x768, 1,280x1,024, 1,280x720, 1,440x900)

#### Audio

Simultaneous Output VGA and HDMI

Inputs/Output N/A (HDMI Output Audio)

#### Alarm

Port N/A

#### PTZ Control

RS-485 N/A

#### Connections

Ethernet 1 RJ45 10/100 Base-T

USB USB 2.0, 2 ports (Front/Rear)

Application Support Mouse, Remote Control

### General

Input Voltage/Current 12V/2A DC Adaptor

Operating Temperature/  
Humidity 32°F~104°F / 20% ~ 85%RH