

## ZIPK8WN2

8 Channel Network Wireless Video Recorder  
Six 2MP Wireless IP Cameras



### 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

- Supports up to 2MP resolution for recording and playback\*
- 2TB storage included
- 1 front and rear USB ports for mouse and exporting files
- HDMI output
- Motion Detection with notification alerts
- LAN port to connect to your network

### What's in the box:

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

### Camera Features (O2WK1N)

- Supports up to 2MP resolution
- 3.6mm wide angle lens
- Built in microphone
- True Day/Night operation (IR cut filter)
- PIR function with white LED deterrent
- Digital WDR
- 12VDC operation
- IR range up to 65ft (built-in IR LEDs) (depending on scene reflection)
- IP66 compliant, weather resistant



**NDA**  
COMPLIANT

\*Products are in compliance with NDA Section 889 Part B Guidelines

#### Camera Specifications

|                       |                         |
|-----------------------|-------------------------|
| Effective Pixels      | 1920(H)x1080(V), 2MP    |
| Scanning System       | Progressive             |
| Horizontal Resolution | 1080p                   |
| Min. Illumination     | 0 lux (IR LED ON)       |
| Focal Length          | 3.6mm fixed lens        |
| Max. Aperture Ratio   | F2.2                    |
| Angular Field of View | 87°(H), 47°(V), 104°(D) |

#### Operational

|                         |                |
|-------------------------|----------------|
| Shutter Mode            | Auto           |
| Gain Control            | Auto           |
| White Balance           | Auto           |
| Wide Dynamic Range      | D-WDR          |
| Digital Noise Reduction | 3DNR           |
| PIR                     | Yes            |
| Mic                     | Yes, built-in  |
| Day & Night             | TRUE D/N, Auto |

|                |          |
|----------------|----------|
| Night Distance | 40ft/12M |
| Video Output   | Wireless |
| Wireless range | 984'     |

#### Environmental

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| Operating Temperature / Humidity | -22°F ~ 122°F / Less than 90% RH<br>Startup: 14°F ~ 122°F |
| Ingress Protection               | IP66                                                      |

#### Electrical

|               |       |
|---------------|-------|
| Input Voltage | 12VDC |
|---------------|-------|

#### NVR Specifications

##### Video

|                      |              |
|----------------------|--------------|
| Inputs               | 8CH Wireless |
| Resolution           | 1080p        |
| Multi Screen Display | 1/4/9/SEQ    |

##### Live

|                      |                                           |
|----------------------|-------------------------------------------|
| Frame Rate           | Max. 2MP @ 15fps (Auto fps, Auto bitrate) |
| Resolution           | 1080p                                     |
| Multi Screen Display | 1/4/9/SEQ                                 |
| IR Range             | 65ft. (depending on scene reflection)     |
| Compression          | H.265+                                    |

## NVR Specifications

### Operating System

|                     |         |
|---------------------|---------|
| Installation Wizard | Support |
|---------------------|---------|

### Recording

|                     |              |
|---------------------|--------------|
| Recording Bandwidth | Up to 12Mbps |
|---------------------|--------------|

|             |                                           |
|-------------|-------------------------------------------|
| 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),<br>HDD (Full/Failure) |
|-------|-------------------------------------------------------------------|

|                 |        |
|-----------------|--------|
| Overwrite Modes | Off/On |
|-----------------|--------|

|           |                   |
|-----------|-------------------|
| Pre-alarm | Max 8 sec for 2MP |
|-----------|-------------------|

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

|             |                  |
|-------------|------------------|
| Search Mode | Date/Time, Event |
|-------------|------------------|

|                   |                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------|
| Playback Function | Stop, Pause, Play<br>Fast Forward / backward (2x, 4x, 8x)<br>Slow Forward (1/2x, 1/4x, 1/8x, )<br>Step Forward / backward |
|-------------------|---------------------------------------------------------------------------------------------------------------------------|

|             |                                           |
|-------------|-------------------------------------------|
| Live stream | Max. 2MP @ 15fps (Auto fps, Auto bitrate) |
|-------------|-------------------------------------------|

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| Protocol Support | TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP,<br>DHCP, SMTP, DNS, DDNS |
|------------------|-------------------------------------------------------------------------------|

|            |                                                                                        |
|------------|----------------------------------------------------------------------------------------|
| Monitoring | Web, Mobile, Netview for PC/Mac,<br>Speco Gray Mobile App, Apple TV and Amazon Fire TV |
|------------|----------------------------------------------------------------------------------------|

### Storage

|              |                    |
|--------------|--------------------|
| Internal HDD | 1 SATA HDD Max 6TB |
|--------------|--------------------|

|                  |     |
|------------------|-----|
| Internal SD Card | Yes |
|------------------|-----|

|               |             |
|---------------|-------------|
| USB (Back-Up) | 2 USB Ports |
|---------------|-------------|

|                       |              |
|-----------------------|--------------|
| File Format (Back-Up) | RF, AVI, MP4 |
|-----------------------|--------------|

### Interface

#### Video

|      |                                                                                                                                  |
|------|----------------------------------------------------------------------------------------------------------------------------------|
| HDMI | 1 HDMI (1024x768, 1280x1024, 1280x720, 1440x900,<br>1920x1080, 2560x1440, 3840x2160)<br>EDID (monitor resolution auto detection) |
|------|----------------------------------------------------------------------------------------------------------------------------------|

#### Audio

|                     |              |
|---------------------|--------------|
| Simultaneous Output | VGA and HDMI |
|---------------------|--------------|

|           |    |
|-----------|----|
| Audio Out | No |
|-----------|----|

### Connections

|          |                      |
|----------|----------------------|
| Ethernet | 1 RJ45 10/100 Base-T |
|----------|----------------------|

|     |                                                 |
|-----|-------------------------------------------------|
| USB | USB 2.0, 2 ports (for mouse and backup/upgrade) |
|-----|-------------------------------------------------|

|                     |                       |
|---------------------|-----------------------|
| Application Support | Mouse, Remote Control |
|---------------------|-----------------------|

### General

|                        |                   |
|------------------------|-------------------|
| Input Voltage/ Current | 12V/2A DC Adaptor |
|------------------------|-------------------|

|                                    |                          |
|------------------------------------|--------------------------|
| Operating Temperature/<br>Humidity | 32°F~104°F / 20% ~ 85%RH |
|------------------------------------|--------------------------|