

Model Code / Additional Spec. Code (No entry if additional  
spec. code is not specified.)

## ZX-3A2

## Specification

## INPUT

Number of ZARK Nano connection : 1 to 32<sup>\*1</sup><sup>\*1</sup> Up to 32 units. There must be no more than 32 units in the reception area of the ZARK X8II HUB.

## MEASUREMENT DATA

## Trend data

Measurement parameter : Acceleration(each axis) rms  
Velocity (each axis) cal. Peak  
Temperature °C

## Waveform data

Measurement parameter : Acceleration(each axis)  
Transmission conditions : Always  
Amount of data : 2048 points  
Sampling frequency : 6400Hz

## Spectrum data

Measurement parameter : Acceleration(each axis)  
Transmission conditions : Always  
Number of lines: : 800/1600/3200<sup>\*2</sup>  
Data to be transmitted: : Top 10 frequency analysis data<sup>\*2</sup> Users can change settings with ZARK System Config.

## DATA COLLECTION

Interval setting : 1-, 2-, 4-, 6-, 12-hour or 1-day<sup>\*2,3</sup><sup>\*3</sup> If the total amount of the number of relaying ZARK Nano is 17 or more, it is recommended to set the interval to 2 hours or more.

## COMMUNICATION

## Communication with ZARK Nano

Radio system : Bluetooth® Low Energy (BLE) 5.0、2.4 GHz  
Communication distance : Approx 40m<sup>\*4,5,6</sup><sup>\*4</sup> Line-of-sight<sup>\*5</sup> The communication distance may vary greatly depending on the installation position and environment<sup>\*6</sup> Check the communication status before installation.

## Communication with infiSYS3.0

Separately prepare the Wi-Fi router.  
Radio system : IEEE 802.11b/g/n

## OPERATING ENVIRONMENT

Operating temperature : -20 to 60°C  
Operating humidity : 5 to 95% RH (no condensation)  
Power supply : 100 to 240VAC, 50/60Hz  
Circuit breaker : 6A  
Enclosure dimensions : 190(W) x 280(H) x 130(D) (excluding the protrusion and the mounting metal)  
214(W) x 451(H) x 144(D) (with the antenna fully extended)  
Enclosure material : Plastic  
Mass : Approx.1.6kg WARNING

To use wireless devices in countries and regions around the world, it is necessary to obtain a certification under the radio law of the relevant country or region. The wireless module used in the system can only be used in the country where it has been certified. If the system is to be used outside Japan, contact the sales office where you purchased the system.

※ Items in this document are subject to change without notice.

Specification

ZARK System Config

SYSTEM REQUIREMENTS

Hardware Requirements

PC/AT compatible personal computer	
Processor	1GHz or higher recommended
Memory	1GByte or higher recommended
Graphic	1366 x 768 higher resolution is recommended
HDD	1GByte or greater free space recommended
Drive	CD-ROM drive
External connection	USB2.0 / 1.1

Software Requirements

Category	Model	Edition	Version
OS	Microsoft® Windows® 10 (64bit)	Pro or higher	Any
	Microsoft® Windows® 11 (64bit)	Pro or higher	Any
Others	Microsoft® .NET Framework	—	4.0

COMMUNICATION SPECIFICATIONS(USB)

Standard : USB2.0 / 1.1  
Cable : A – mini B (Part code: 1904KBQ\*\*)

\*1 USB cable is not included. Please make necessary arrangement separately, if require.

SOFTWARE SUPPLY

Download from dedicated site

SYSTEM CONFIGURATION

