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 [*1]

*1 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 ℃

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), Velocity(each axis)
Transmission conditions	: Always
Number of lines:	: 800/1600/3200 [*2]
Data to be transmitted:	: Top 10 frequency analysis data

*2   Users can change settings with ZARK System Config.

DATA COLLECTION

Interval setting   : 1-, 2-, 4-, 6-, 12-hour or 1-day[*2*3]

*3 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 [*4*5*6]

*4 Line-of-sight
*5 The communication distance may vary greatly depending on the installation position and environment
*6 Check the communication status before installation.

Communication with infiSYS3.0

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

⚠ 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.

OPERATING ENVIRONMENT

Operating temperature	: -20 to 60℃
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

※ 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

Conforms to OS requirements of VM-773B-A inifSYS View Station.

Category	Model	Edition	Version
Others	Microsoft® .NET Framework	—	4.0

COMMUNICATION SPECIFICATIONS(USB)

Standard   : USB2.0 / 1.1
Cable   : A – mini B (Part code: 1904KBQ[*1])

*1 USB cable is not included. Please makenecessary arrangement separately, if require.

SOFTWARE SUPPLY

Download from dedicated site

SYSTEM CONFIGURATION