Escalator sensor device User manual

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1 Product Name

Escalator Sensor Device

2 Product Model

020E

3 Electrical performance parameters

3.1 Input Voltage：AC110-220V,47-63Hz

3.2 Rated Power：≤10W

3.3 Degree of Protection：IP55

3.4 Operating Temperature：-20～+70℃

3.5 Storage Temperature：-40～+80℃

4 Parts list

4.1 IR sensor module *2

4.2 Vibration sensor module *2

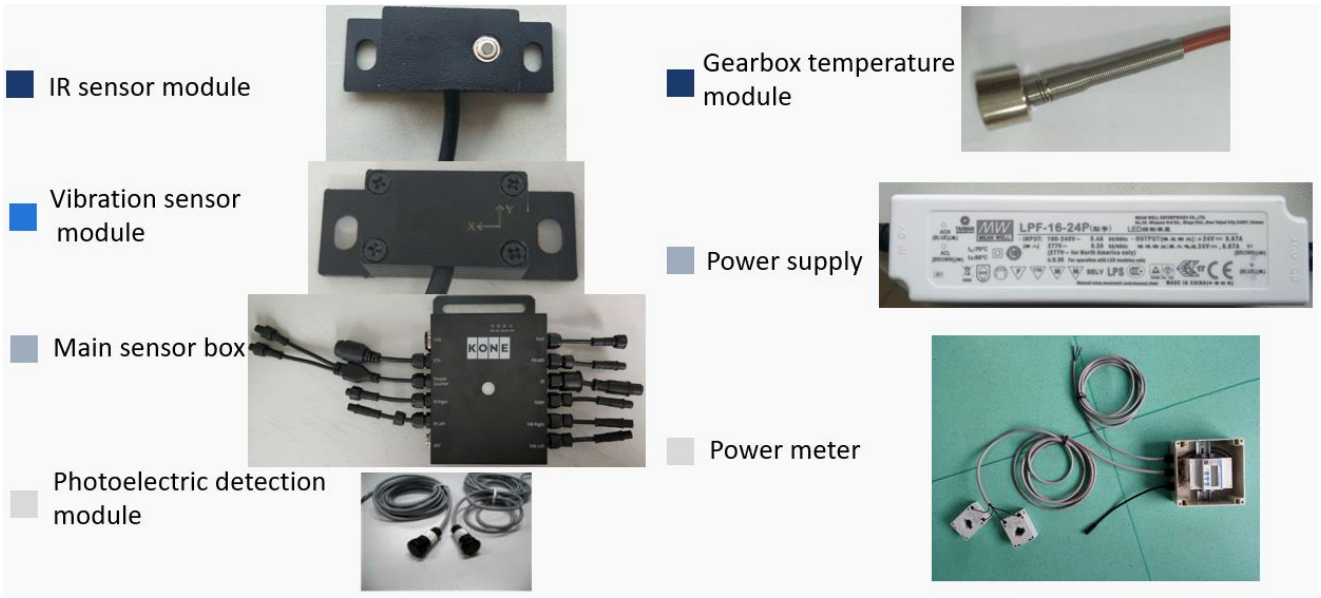
4.3 Gearbox temperature module *2

4.4 Photoelectric detection module *1

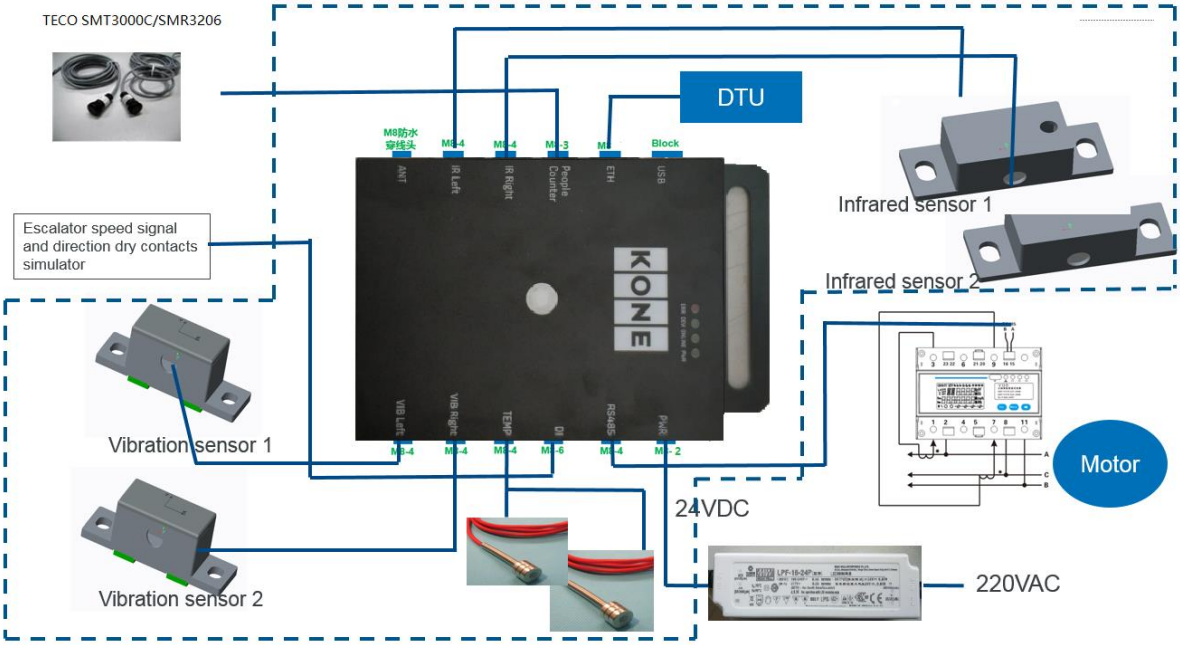
4.5 Power meter *1

4.6 Noise detection module*1

4.7 Power supply*1



5 System diagram



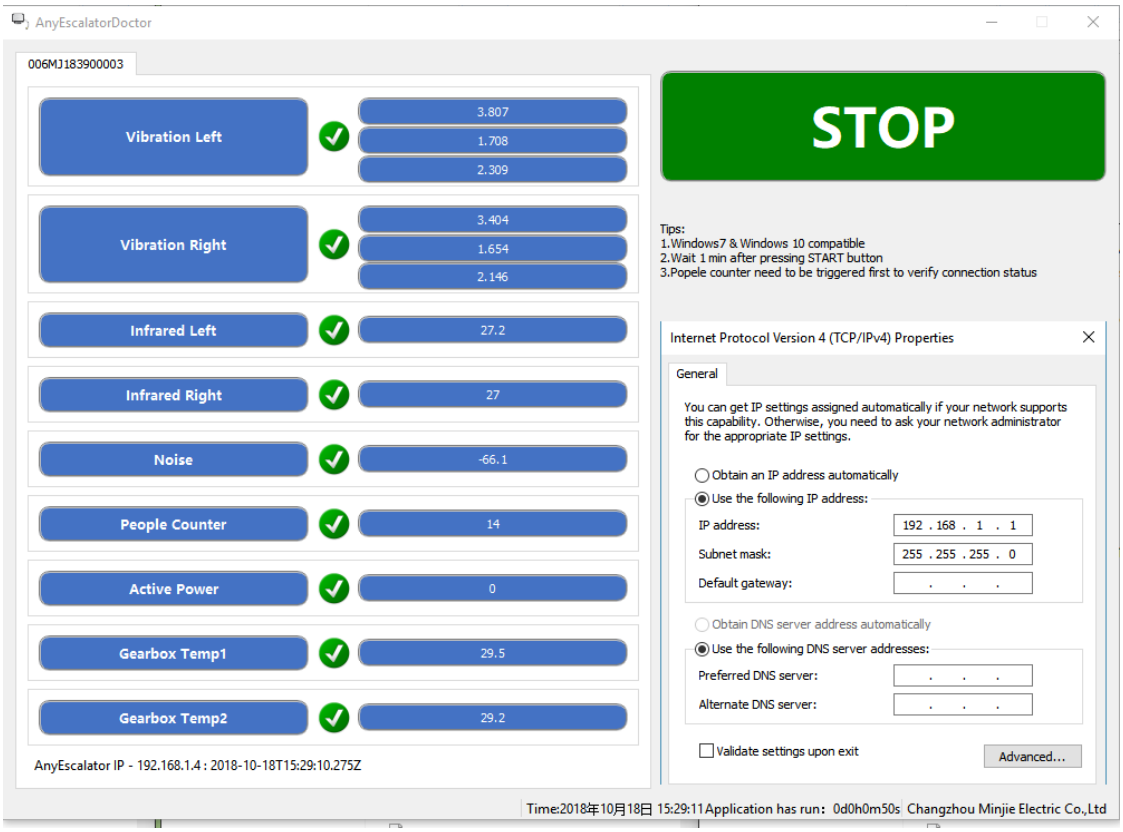
6 Functional operation

According to the system block diagram, each sensor cable connector is connected.

After AC110/220V is powered on, the main box starts to work. Connected to the computer through the ETH network port, and open the AnyEscalator Doctor software on the Windows of the computer, The current KPI data of each sensor module can be received by setting the right IP address. ALL data will be displayed, and the device is

working normally.

The figure for reference:



7 FCC and IC Apothegm

Federal Communications Commission (FCC) Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Note: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement for Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.