AI Image Sensor

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AIS to USB converter



OVERVIEW:

The Dragino AIS Probe is an AI Image Sensor. It has an AI Image Processor and built-in Camera. The AIS probe can take photo and give digital number output after analyze the photo. AIS probe support AI training and the processor has already been trained to support the reading from Water Meter, Gas Power or Power meter.

The AIS probe has UART TTL output, user can get the Image or Analyzed digital numbers via the UART TTL access.

AIS probe is IP67 level and ultra low power consumption, it is suitable for the use in outdoor and battery power application.

The AUC Converter is the converter which interface to PC for programming the AIS probe or read data via AIS probe.

Features:

- AI Image IC
- Take photo and send data via UART TTL
- Take photo and recognize the photo to get valid reading.
- IP67 Rate
- Two LEDs to lighting and use in dark environment
- Trained for common reading for Water Meter, Gas Meter, Power Meter
- Possible to train for other application
- Able to update the firmware to AI processor

Specification:

- Camera
  - Mono: black & white
  - Angle: 110°
  - Image size: 64kb
  - Image resolution: 640x480
- Power Consumption:206.1mW
  - Supply Voltage: DC5V
  - Idel Mode: 6uA
  - Take Photo: 41.22 mA and 3171 ms
- Cable Length: 150cm
- Dimension: 46.2x29x13.8mm

Order Info:

Part Number:

- AIS: AI Image Sensor
- AUC: AIS to USB converter

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