

Intelligent IoT Industrial Vibration Solution



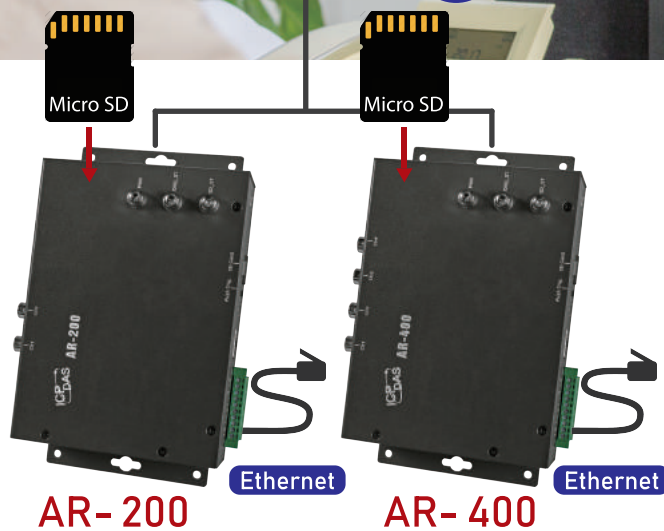
Ethernet High-speed Data Acquisition Module



Accelerometer Data Logger device

- In the trend of Industrial Internet of Things (IIoT), automation and intelligent factory should be dominant trend in recent years.
- ICPDAS vibration measurement solution can provide reliable and accurate data acquisition system to diagnose your machine status and help you establish a predictive maintenance system in your factory. Furthermore, precise data analysis can prevent damage happened on equipment.





- ▶ Flexible trigger modes
- ▶ Support 2 or 4 IEPE input, and built-in 3 mA excitation current
- ▶ Signal dynamic range : $\pm 10V$
- ▶ LED indicators for status
- ▶ Power input (10 ~ 30 VDC)
- ▶ Operating temperature ($-25^{\circ}C \sim +75^{\circ}C$)
- ▶ AR-200 support sample rate : 200 / 100 / 50 / 20 / 10 / 5 kHz
- ▶ AR-400 support sample rate : 125 / 100 / 50 / 20 / 10 / 5 kHz
- ▶ Max. recording time : 120 sec (50kHz $\uparrow$) / 600 sec (20kHz) / 1200 sec (10kHz) / 1800 sec (5kHz)
- ▶ 2 or 4 channel simultaneous, 16-bit resolution ADC
- ▶ 4 kV Contact ESD protection for any terminal

- 8 Channel Simultaneous high-speed DAQ
- 8 Single-ended analog input channels
 - ▶ 16-bit ADC ▶ Supports instant data monitoring and recording
 - ▶ Built-in anti-aliasing filter (AAF)
 - ▶ Maximize sample rate up to : 200 kS/s per channel
- Built-in I/O
 - ▶ 8 Channels AI ▶ 4 Channels DI ▶ 4 Channels DO
- Data transmission mode
 - ▶ Continuous data acquisition ▶ N-sample acquisition
- A/D trigger mode
 - ▶ Software AD Data Acquisition mode
 - ▶ External Digital Signal Event Trigger mode
 - ▶ External Clock AD Conversion Data Acquisition mode

• Software Support

- ▶ VC, C#, VB.NET API and Demo
- ▶ LabVIEW Toolkit and Demo



PET-7H16M

