



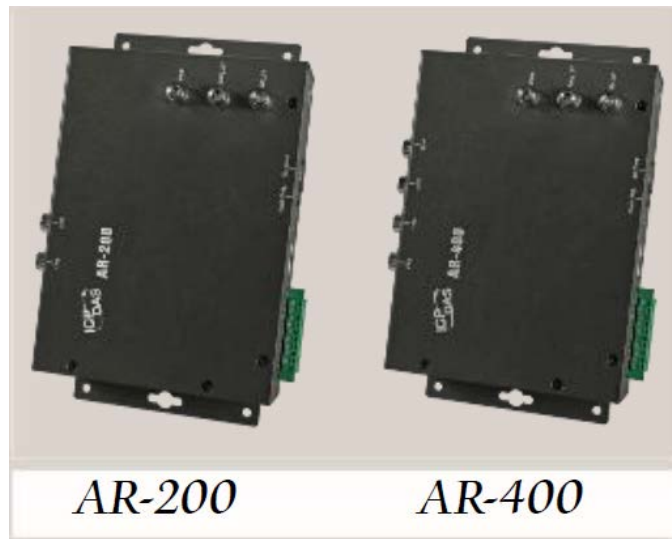
Making Data Acquisition Easy

CAGE/NCAGE Code: 3FNFO

Vibration Signal Measurement and Data Logging

Excess vibration in the manufacturing environment can mean many things. For precision manufacturing, this could cause tolerances to be off. It could be sign of machine failure or bearings wearing out. The ability to detect excess vibration can save a great deal of money in some applications. When excess vibration is detected, controllers can slow down or reduce speed on equipment to keep production going while the issue is being investigated or fixed.

The AR-200/AR-400 series is a range of high-performance dynamic signal acquisition modules that are designed specifically for vibration monitoring and analysis. The maximum simultaneous sampling rate for each channel on the AR-200 and AR-400 is up to 200k-Hz and 125k-Hz respectively. The AR-200/AR-400 modules include a built-in 3mA excitation current to power the Integrated Electronics Piezo-Electric (IEPE) accelerometers and a 16-bit A/D converter. The data acquired by the AR-200/AR-400 is saved on a Micro SD card that can be used for offline vibration analysis.



These modules can be used to monitor and log vibration data for many applications. The data can be used to analyze or control an automated process where accelerometers are used.



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If you have any questions concerning any of accelerometer data logger, please contact us via email or phone. We are here to help.