Products
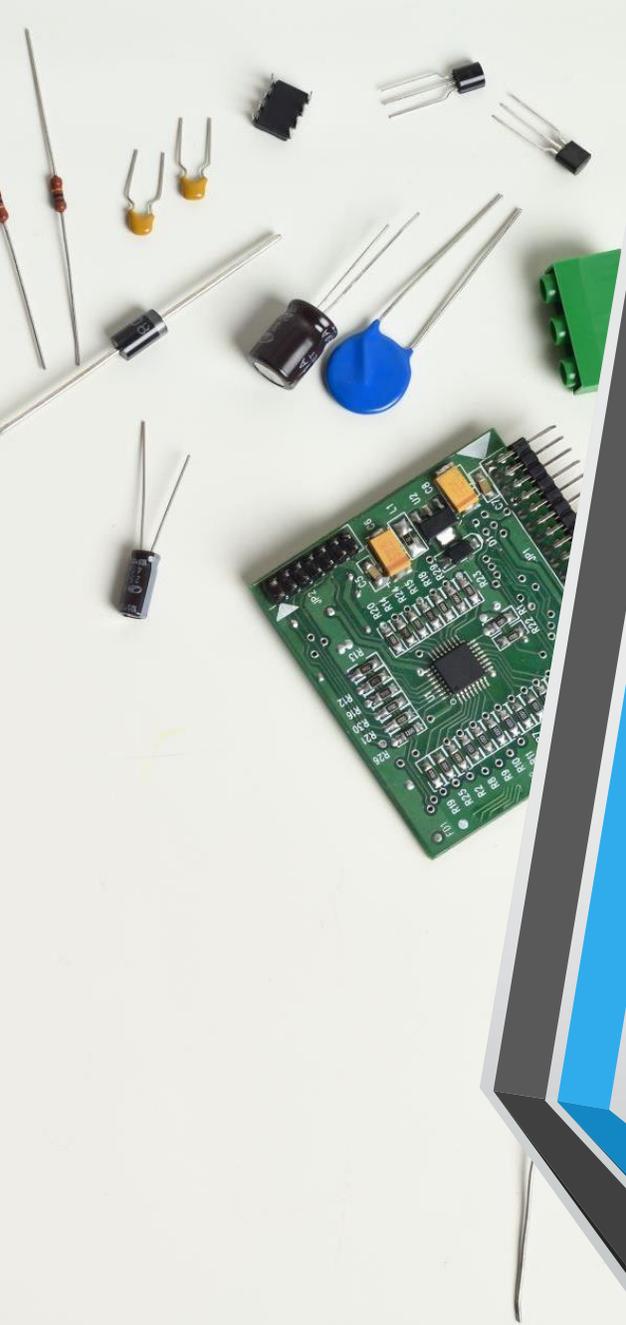
About us

- CDS Wireless is a fresh start-up from Cluj-Napoca, Romania focus on **industrial wireless communications and predictive maintenance**.

- Our **software** team at CDS Wireless boasts extensive experience in **defining and implementing critical IoT standards**

- CDS Wireless **hardware** team excels in **industrial wireless network development** and the **design of industrial-grade radio modems and wireless routers**

- **Together**, we create **advanced wireless solutions** tailored to a diverse range of industries, from oil and gas to environmental monitoring and predictive maintenance.
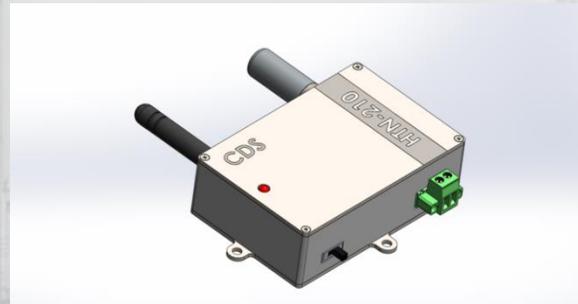
CDS Wireless products:

VR 950-RTU Router

AC210 Vibration sensor

TC210-T Temperature sensor

HTN-210-relative humidity/temperature sensor

FT 210-Field tool

VR 950-RTU Router

The CDS VR950-RTU Industrial Wireless Gateway is a wireless network infrastructure device designed for mission critical, industrial applications in the oil & gas, mining and manufacturing sectors where safety, security and reliability are a must. The VR950 is an all-in-one, dual-standard infrastructure device architected to manage ISA100 and Wireless Hart networks simultaneously. It contains all the necessary components for network management and comes with advanced features such as redundancy and network colocation.

Dual standard infrastructure

ATEX Components

Certifications:

EMC:Canada

EMC:EU

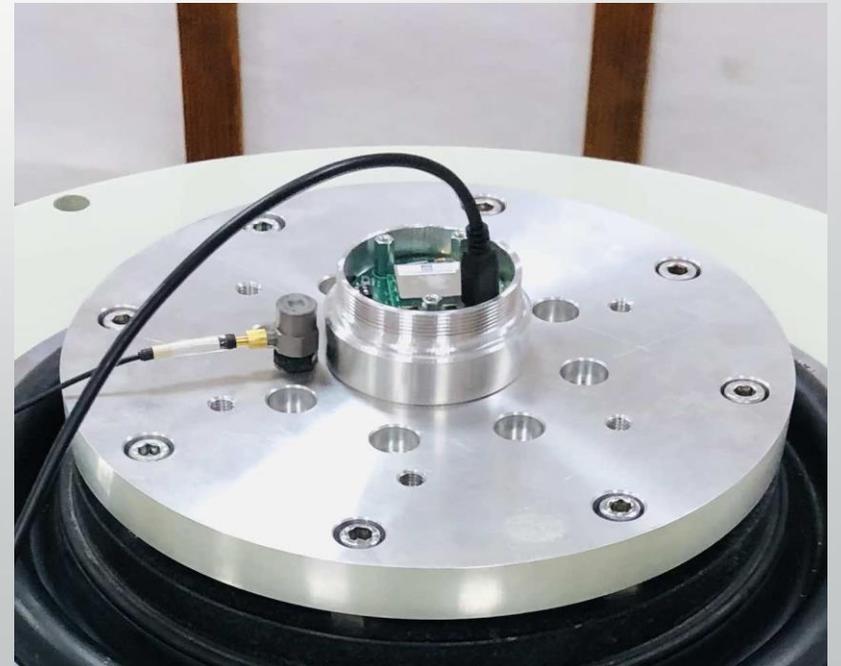EMC:Japan

AC 210 Vibration sensor

The CDS Wireless AC210 is an industrial wireless vibration transmitter for industrial equipment with wireless communication capabilities using either one of the industrial open standards, i.e., ISA100 Wireless or Wireless HART.

The AC210 is a complex instrument which pre-processes acceleration samples using FFT algorithms and delivers filtered spectrograms along with time synchronized temperature and rotation speed data for predictive maintenance applications.

- Wireless connection
- Reliable meshing
- Multiple mounting options
- Low-power consumption

TC 210-T temperature sensor

The CDS-Wireless TC210-T is an industrial wireless temperature transmitter designed to acquire temperature measurements from type T thermocouples and transmit them wirelessly using either one of the open standards ISA100 Wireless or Wireless HART.
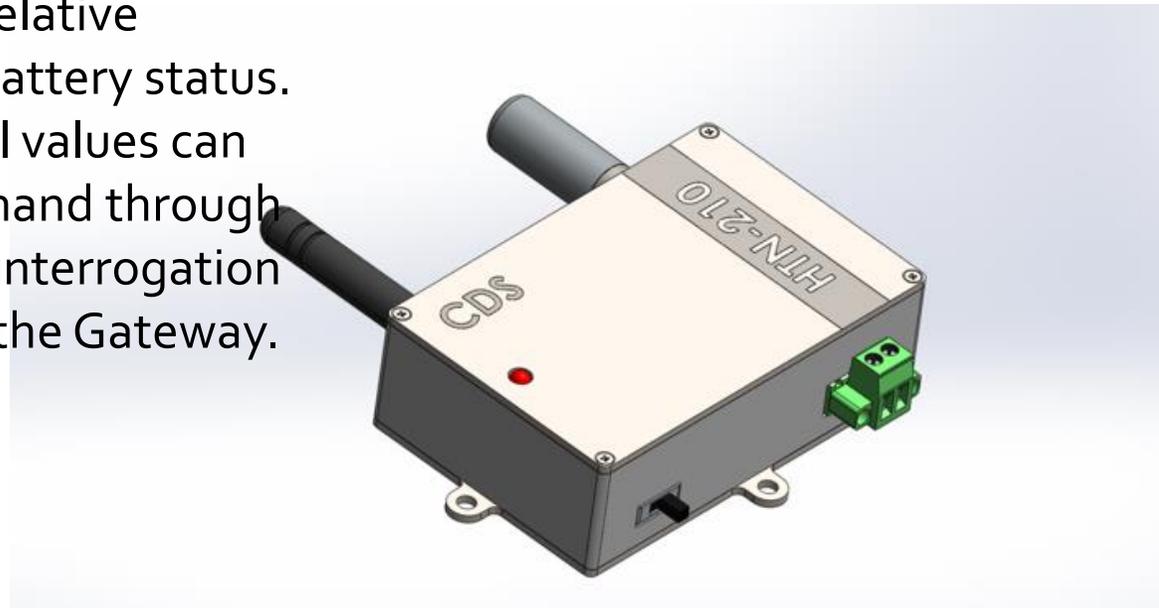
- high temperature operation
- point temperature sensing
- fast response to temperature changes
- Up to 10 channels thermocouples T

- easy deployment
- DIN rail mounting
- dual wireless standard

The CDS HTN-210 is a temperature and relative humidity sensor with ISA100 Wireless communication capabilities. Designed for operation in an industrial environment, the device can be used with a standard ISA100 Wireless Gateway to report periodically the temperature, relative humidity and battery status. Additionally, all values can be read on demand through client---server interrogation commands by the Gateway. Electrical

- Wireless connection

- Fast response

- Low-power consumption

- Easy deployment

HTN 210 relative humidity / temperature sensor

FT-210 Field Tool

- The CDS Field Tool provides the hardware and software means to configure the field devices for joining to a wireless network employing the ISA100.11a standard.

- The Field Tool is a portable device capable of communicating over-the-air (OTA) and out-of-band (OOB) with a certified ISA100.11a field device. An embedded CDS VN210 radio module provides OTA configuration of field devices, while a built-in infrared transceiver allows for OOB configuration.

- The configuration settings sent to field devices are managed by the operator from an user friendly PC application running on Microsoft Windows 7/8/10/11, 32-bit or 64-bit.