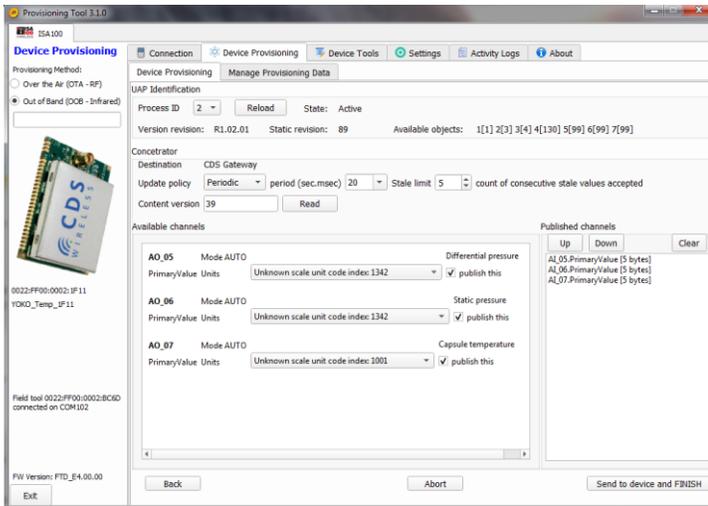


The CDS Field Tool provides the hardware and software means to configure the field devices for joining to a wireless network employing the ISA100.11a standard.

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, 32-bit or 64-bit.



## Key Benefits

- User friendly, wizard-based provisioning process for wireless network-specific parameters
- Easy detection of field devices in non-provisioned state
- Configuration for several ISA100.11a sensor-specific parameters
- History of provisioning and configuration actions
- USB communication between portable device and PC application
- Reset to factory defaults for field devices
- Support for configuration of RF testing mode (continuous modulated or unmodulated transmit mode; continuous receive mode) for devices using CDS ISA100.11a radios
- EMC certified for FCC/IC, Giteki, ETSI (pending)

## Key Specifications

Radio Operating Frequency	2.4 GHz
RF Output Level	10 dBm
Receiver Sensitivity	-98 dBm
Power Supply	5V via USB type-C
Operating Relative Humidity	10 to 90 %RH Non condensing
Operating Temperature Range	-20 to +70 °C
Storage Temperature Range	-20°C to 45°C

## Interfaces

USB	2.0 (type-C)
RF	802.15.4 (ISA100.11a)
Infrared	WCI ISA100.11a OOB specification compatible

## Mechanical Specifications

Dimensions	L=140 mm, W=62.7 mm, H=30.5 mm
Weight	110 g

## Certifications (pending)

EMC	FCC-US, IC-Canada, Giteki - Japan RED/ETSI EN 300 328 V2.1.1 (2016-11), EN 301 489-1 V2.1.1 (2017-02), EN 301 489-17 V3.1.1 (2017-02)
Safety	EN 62368-1:2018