Description

The SmartWireless® Network Configuration Tool is a custom device designed to configure Detcon’s RXT and CXT SmartWireless® devices. The RXT-300 and RXT-320 series transceivers make wireless communication possible between controllers, sensors, and alarm stations in any SmartWireless® gas detection system. The Network Configuration Tool is used to synchronize and change wireless channels on any RXT transceiver and to configure RXT-300 wireless networks.

The Configuration Tool is lightweight yet powerfully equipped and has a 10.1” touch panel widescreen LCD for display and user input. The device interfaces with a USB wireless radio for easy communication and accurate configuration. The device is powered by 100-240VAC with supplied AC adapter, or can operate off an internal rechargeable battery for up to 8 hours on a single charge.

The radios in the Configuration Tool and RXT/CXT devices use the 2.4GHz frequency based upon the IEEE 802.15.4 standard. In order to communicate with each other, each device within the network must be set to the same RF channel and Network ID. The radios can be set to one of 16 RF channels (0-15) and many thousand Network IDs. Consequently, up to 16 RXT/CXT series based systems can be located in the same general area.

Features
- Configure RXT/CXT Series Devices & Networks
- 10.1” Touch Panel LCD
- Interfaces with USB Wireless Radio
- Battery Operates up to 8 Hours
- 2 Hour Charge Time

Applications
- Oil and Gas Drilling Rigs
- Oil and Gas Production Sites
- Wastewater Treatment Plants
- Food and Beverage Processing
- Pulp and Paper Mills
- Refining and Petrochemical
**SmartWireless® Configuration Tool**

### System Specifications

**Processor/Cache**
- Intel Atom Z670 processor (1.5 Ghz)

**Inputs**
- Touch (Capacitive Multi-Touch) and Pen (Active Stylus)

**I/O Ports**
- 1 USB
- 1 Video Out (micro-HDMI, Type D)
- 1 SD Card
- Power Jack
- Dock Connector

**System Memory**
- 1GB or 2GB 800MHz DDR2

**System Storage**
- 30GB Solid State Drive (SSD)
- SATA 2.0 at 3.0Gb/s

**Warranty**
- One Year

### Electrical Specifications

**Input Voltage**
- 100-240VAC~1.5A, 50-60Hz
- Lithium-Ion Battery with 43WHr capacity (up to 8 hours)

**Power Consumption**
- 65W, AC Adapter

### Wireless Specifications

**Frequency**
- ISM 2.4GHz

**Range**
- Indoor/No Line of Sight – 1,000ft
- Outdoor RF Line of Sight – 1 Mile

**Spread Spectrum**
- Digital-Sequence Spread Spectrum (DSSS)

**Modulation**
- 0-QPSK

**Sensitivity**
- -102dBm (1% PER)

### Mechanical Specifications

**Display**
- 10.1" Wide (LED Backlit, 1366x768) Dual Bonded

**Dimensions**
- 10.9"W x 7.06"H x .61"D; 276mmW x 179mmH x 15mmD

**Weight**
- 4lbs; 1.81kg

### Environmental Specifications

**Operating Temperature Range**
- 41ºF to +109ºF, +5°C to +43°C

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### Order Guide

**Part Number** | **Description**
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976-0003FF-000 | SmartWireless® Network Configuration Tool

Specifications subject to change without notice.