



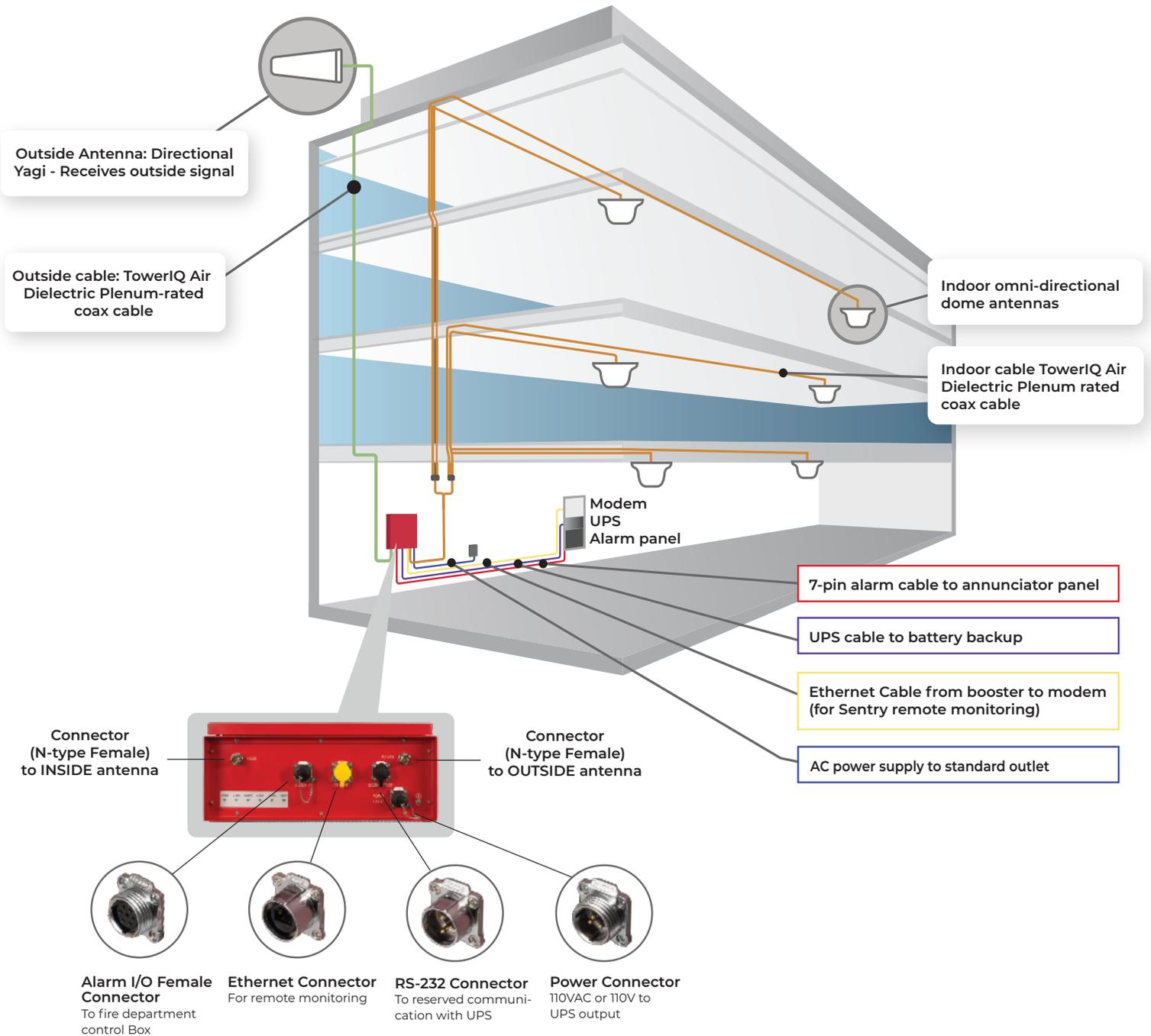
TOWERIQ™
SIGNAL WHERE IT MATTERS



Guardian Series

Public Safety Band Signal Boosters

TYPICAL INSTALLATION



GUARDIAN SERIES



GUARDIAN A

TowerIQ's GuardianA Public Safety Band signal booster enhances in-building coverage for crucial communications, delivering consistent signal for First Responders and other public safety officials who rely on two-way radio communication inside large buildings.

GuardianA is a Class A, 2-Watt, bi-directional amplifier with a maximum gain of 90 dB supporting both the 700 and 800 MHz Public Safety frequency bands.

✓ **UL2524 Listed**



GUARDIAN 4

TowerIQ's Guardian4 Public Safety Band signal booster amplifies FirstNet signals for crucial communications, delivering consistent signal for First Responders and other public safety officials relying on two-way radio communication inside large buildings.

The Guardian4 is a bi-directional amplifier with a maximum gain of 80 dB on the Public Safety frequency bands, supporting 700 MHz (FirstNet Ready) and 800 MHz..

✓ **UL2524 listing coming soon in 2022**



GUARDIAN QR700

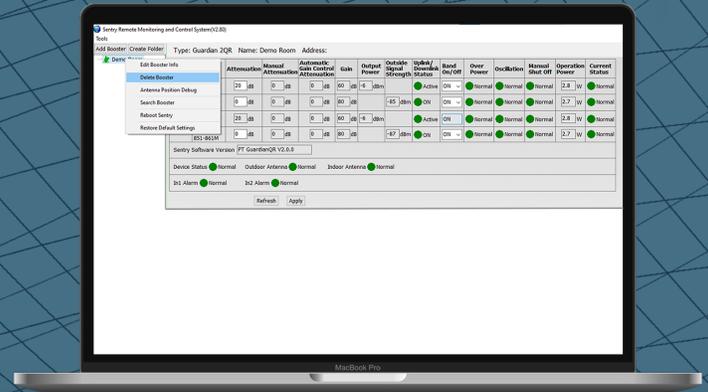
TowerIQ's Guardian QR700 Canada Public Safety Band signal booster enhances in-building coverage for crucial communications, delivering consistent signal for First Responders and other public safety officials who rely on two-way radio communication inside large buildings.

The QR700 is a Bi-Directional Amplifier that services the growing Public Safety 700 MHz bands for Canada. The Guardian QR700 meets Chapter 24 of NFPA 72 standards, improving weak First Responder signals for critical and non-critical areas within the building.

ACCESSORIES

FOR GUARDIAN SERIES

With a broad range of components and accessories, TowerIQ provides everything you need for a successful installation. We offer multiple types of cabling, connectors, and tools for any type of typical setup. Software solutions also allow you to remotely monitor your system.



SENTRY SOFTWARE

- ✓ BDA Digital Configuration and Channel Activation
- ✓ Online Remote System Monitoring and Configuration
- ✓ Individual channel attenuation on GuardianA
- ✓ Digital attenuation provides more precise gain control



50 OHM PLENUM CABLE 1/2"

- ✓ AirCell® Non Pressurized Air Dielectric Design for Superior RF Performance and Ease of Installation
- ✓ Plenum Rated Jacketed CMP
- ✓ Conforms to NFPA-262, UL-444, Canadian CSA 222



CABLE CONNECTOR AIR DIELECTRIC CABLE

- ✓ For Use with 1/2" AirCell® Plenum Cable
- ✓ PIM Rated • No Extra O-Rings or Gels needed
- ✓ Fast & Easy Installationz



ALL-IN-ONE CABLE PREP TOOL

- ✓ Power Cable Strip Tool for Plenum Cable
- ✓ Enables Fast Cable Preparation for Connector Installation
- ✓ Use For Plenum, In-Conduit, and Conduit Cable



TQ-ATNR

- ✓ High quality, low-loss connector
- ✓ Weather resistant
- ✓ Commercial grade



TQ-C

- ✓ Allows for multiple broadcast antennas
- ✓ Ensures adequate signal
- ✓ -6 and -10 dB options
- ✓ 5G Ultra-Wideband options available

Potter Electric and Tower-IQ have teamed up to provide complimentary design services for Public Safety BDA opportunities. Our team of certified BDA designers can map out component installation locations, generate propagation maps as well as provide a detailed account of the materials required to get buildings up to code regarding Public Safety signal coverage. Designs typically take 3-5 business days with high-level budgetary requests completed in even less time. Whether you need a design for an ERCES or ARCS, we have the team to get you what you need.

LEARN MORE BY VISITING

TOWERIQ.NYC/DESIGN



TQ-530W MULTI BAND DOME ANTENNA

- ✔ Wide Frequency Band (698 – 2700 MHz)
- ✔ 2G/3G/4G/LTE Coverage
- ✔ Low VSWR & High Gain
- ✔ Easy Installation in projects
- ✔ Corrosion Resistance, Anti-aging
- ✔ Widely used for In-building DAS



TQ-248W

- ✔ Wide Band (698 – 2700 MHz)
- ✔ 7 dBi / 10 dBi Gain
- ✔ Directional antenna broadcasts / receives signal with a 120° beamwidth
- ✔ For indoor use only
- ✔ Includes wall mount hardware
- ✔ Connects to booster with low-loss cable (sold separately)



✔ UL2524 Listed

NFPA Compliant Battery Back-Up Power

- ✔ 24hr back up power for both Class A and B BDAs
- ✔ Alarm triggers for Low Battery, AC Failure and DC Failure
- ✔ NEMA4 Enclosure
- ✔ Part number 3996092 is for the GuardianA BDA
- ✔ Part number 3996094 is for the Guardian4 BDA



TQ-230W

- ✔ Wide Band (698 – 2700 MHz)
- ✔ 2G/3G/4G and WLAN systems
- ✔ Directional antenna – designed to be pointed directly at the cellular tower
- ✔ 8 dBi Gain
- ✔ Designed for outdoor use only



PE Series Annunciator Panel

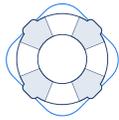
- ✔ Alarm trigger display for both BBU and BDA
- ✔ Lights and audio alarms
- ✔ Terminals for FACP integration



TOWERIQTM
SIGNAL WHERE IT MATTERS

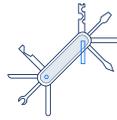
Our Mission

To deliver clear, reliable, enhanced in-building communication to first responders during an emergency. We do this by leveraging TowerIQ's innovative ERCES experience with Potter's legacy of dependable life-safety solutions. We are committed to the quality that only comes from a steadfast focus on in-building communications and who they serve.



DESIGNED FOR LIFE-SAFETY

Our products are designed for life safety, not adapted to life safety.



UNIVERSAL TOOLS

We focus on a few core devices rather than a large variety of distractions.



COMMITTED SUPPORT

We provide a customized response to your unique problems.

TowerIQ is honored to offer critical ERCES solutions first responders depend on to deliver in-building communication during emergencies. We are the pioneers in public safety radio communications. When the need for better emergency communications became obvious in New York City in 2001, TowerIQ was formed to develop robust and technologically advanced solutions to the problem. After years of experience managing the entire process from design to maintenance of ARCs systems in New York, we acquired the Guardian product line to expand to the rest of the country and bring what we have learned to the larger BDA market.



That pioneer spirit still runs through our organization and drives us to constantly innovate. Whether we're thinking up new product ideas or helping individual customers develop out of the box solutions to their problems, we pride ourselves on flexibility. However, with the backing of Potter Electric and its nearly 125 years of Fire Systems experience, we have learned quality control processes and the responsibility that comes with working within the life safety industry. With so much riding on our products, you need to know you can trust our designs.

Our entire business is about life safety and how to make sure first responders have one less thing to worry about during an emergency. You can always be sure that no matter the size of the building, TowerIQ will provide

"Signal Where It Matters".

To learn more about our parent company Potter Electric, please visit www.pottersignal.com

 (844) 626-7638

 cs-guardian@tower-iq.com

www.toweriq.nyc

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