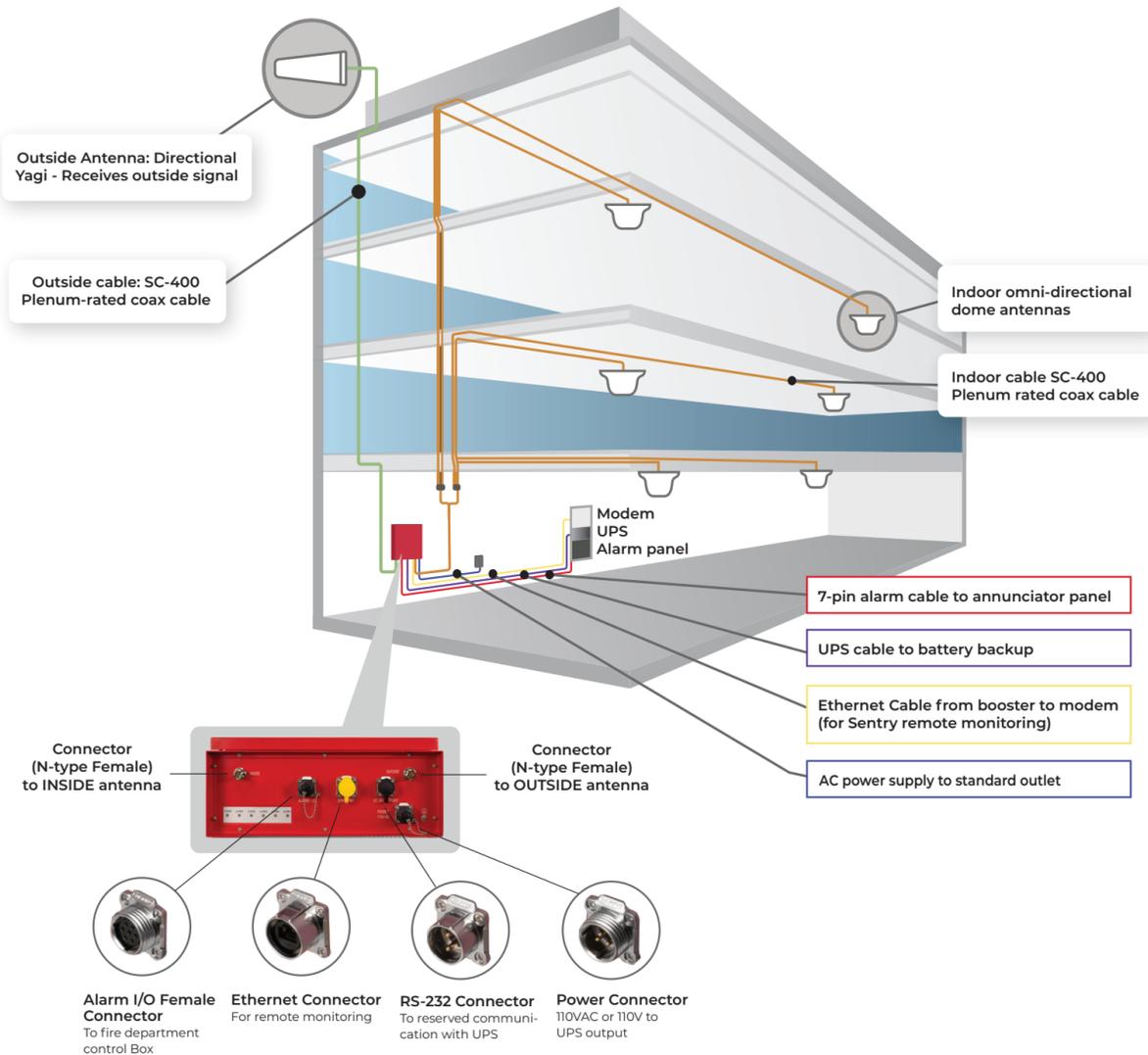


# TYPICAL INSTALLATION



## 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.

Previous losses of life have highlighted the inadequate support and lack of situational awareness that emergency responders face. Today, nationally adopted building codes have recognized this deficiency and now require buildings to provide first responders with incident command ability, smart building technology, and wireless communication ability.



Working alongside all stakeholders including first responders, property owners, and our Service Partners, we continue to develop and deploy revolutionary life-safety technology. Our exclusive focus is on providing the best value technology for protecting lives.

TowerIQ, Inc. is the premier manufacturer of wireless life-safety systems and smart building technologies. Our intelligent devices are engineered to be reliable, cost-effective, and easy-to-install to meet all in-building wireless requirements. Using simple solutions to complex problems, TowerIQ provides "Signal Where It Matters".

[www.toweriq.nyc](http://www.toweriq.nyc)

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**TOWERIQ**<sup>TM</sup>  
SIGNAL WHERE IT MATTERS



# Guardian Series

Public Safety Band Signal Boosters

# 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.



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](https://toweriq.nyc/design)



### 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



### TQ-400

- For indoor/outdoor use
- Ultra Low Loss
- N-Male/N-Male connectors on both ends (not applicable for 500 ft and 1,000 ft spools)
- Weatherproof, heat shrunk and tested



### TQ-600

- For indoor/outdoor use
- Ultra Low Loss
- N-Male crimp connector (part # TQ-CN-16) available for purchase
- Weatherproof, heat shrunk and tested



### TQ-PL

- For indoor use only
- Ultra Low Loss
- RoHS Compliant
- N-Male crimp connector (part # TQ-CN-099) available for purchase



### TQ-400

- Wide Band 698-2700Mhz
- 2, 3 or 4 way Splitters
- Meets international standards
- Stainless steel



### TQ-C

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



### 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



### 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-528W

- N-Female connector (50 Ω)
- 2 / 4 / 6 dBi Max Gain
- Wide band: 2G, 3G, 4G & 5G (617 - 2700 MHz)
- Includes mounting hardware
- Connects to booster with TQ-400 cable (sold separately)



### TQ-ATNR

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



### PE Series Annunciator Panel

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