

personal security beacon

The Contigo 8210 is a wireless tracking beacon specifically designed to provide security and peace of mind for executives, security guards, law enforcement or family members.

The Contigo 8210 utilizes state of the art location technology and is ideal for personal protection applications because it is small, has a long battery life, and can be located indoors and in other challenging places where conventional GPS simply fails. With the integrated panic button and automated alerting system, this beacon provides the most powerful personal location technology on the market today.



features and benefits

feature	benefit
Integrated Panic button	• Immediate notification of current location and automated multi-party alerts
Single point locate	• On-demand location for periodic requests
Real-time tracking	• High frequency tracking mode assists with emergency situations
Scheduled tracking	• Sends out an automated locate on a schedule
Zone alert	• Sends an alert if the beacon reports while inside or outside of a defined zone
Small, rugged and portable	• Can be discreetly inserted into a variety of places – pockets, briefcases, backpacks, etc.
Hybrid-assisted GPS system	• Can be located where conventional GPS fails, even indoors
Extended battery life	• 10 day battery standard, up to 30 days available with extended battery pack
Internal antennas	• Completely self contained, unlike traditional GPS tracking beacons
Uses cellular and PCS channels	• Available to approximately 90% of US population
Operates on existing cellular E911 GPS reference service	• Robust network ensures reliable performance

specifications

Mechanical

- **Size:** L x W x H (1800 mAh battery)
> 2.5 in x 1.25 in x 0.6 in
> 6.35 cm x 3.2 cm x 1.5 cm
- **Weight:** Approximately 5.3 oz (150g)
- **Enclosure:** Plastic, water-resistant
- **Indicators:** Bi-color LED
- **Vibration:** Up to 500Hz random vibration 1.25G rms
- **Temperature:**
> Operating: -4° to 140°F (-20° to +60°C)
> Storage: -40° to 176°F (-40° to +80°C)
- **Humidity:** <95% non-condensing

Location Technology

- **Location Technology:**
Qualcomm gpsOne™
- **Position Accuracy:**
> Open sky: 15 to 30 feet (5-10 meters)
> Impaired: <60 feet (<20 meters) 95% of the time

Battery

- **Battery Pack:** 3.7V Li-Ion
- **Current Draw Stand-by:** 12mW
- **Current Draw Transmit:** 0.65W
- **Battery Life:** 3600 mAh battery: Up to 30 days

Data Services

- **Packet Data Speed:** Up to 115kbps
- **Async Data Speed:** 9.6 kbps and 14.4 kbps
- **TCP/IP Connection:** Yes
- **Quick Net Connect Support:** Yes

Wireless Network Compatibility

- **Cellular band:**
> Rx- 869 through 894MHz
> Tx- 824 through 849MHz
- **PCS band:**
> Rx- 1930 through 1990MHz
> Tx- 1850 through 1910MHz
- **GPS band:** Rx-1575.42 (L1 carrier)
- **Compliance:** FCC parts 2, 15, and 90