



# SmartRock<sup>®</sup> Long Range

Built for large, complex, and hard-to-reach concrete pours



Wire-Free  
& Wireless  
Technology



Remote Monitoring  
Capabilities of up to  
1000 ft (300 m)



Easy  
Activation &  
Installation



Real-time  
Automated  
Data Collection

# SmartRock Long Range



Unleash Full-Site Concrete Monitoring—From Anywhere

## Key Benefits

SmartRock® Long Range, paired with SmartHub™ Long Range, enables 24/7 remote monitoring of concrete temperature and strength from up to 1000 ft (300 m) away. This system provides real-time insights into curing and hardening at large, hard-to-reach, or hazardous sites, such as highway structures, high-rises, or cold-weather pours, without the need for site visits. SmartHub Long Range's wireless coverage ensures that sensor data is continuously transmitted to Giatec 360™, supporting remote monitoring by contractors, producers, and testing agencies.



### SmartRock Long Range Technical Specifications

**Reading Range**  
-22 to +181 °F (-30 to 85 °C)

**Measurement Accuracy**  
± 1.8 °F (± 1 °C)

**Measurement Resolution**  
± 0.18 °F (± 0.1 °C)

**Measurement Frequency**  
Once every 15 mins

**Battery Life**  
Up to 4 months

**Sensor Dimensions**  
L: 3 1/8" (80mm), W: 1 5/8" (42mm), H: 1 3/16" (30mm)

**Temperature Cable Length**  
12 in (30 cm) / 10 ft (3 m) /  
By request: 50 ft (15.2 m)

**Data Communication and Analysis**  
Android and iOS mobile app,  
Giatec 360 Cloud Dashboard

**Data Formats**  
Export as PDF or CSV

**Maturity Standards**  
ASTM C1074 (The method is  
approved by ACI 318, CSA A23.1)



### SmartHub Long Range Technical Specifications

**Wireless Signal Range\***  
Up to 1000 ft (300 m)

**Cloud Sync Frequency**  
Once every 15 Min

**Battery Life**  
Requires external power

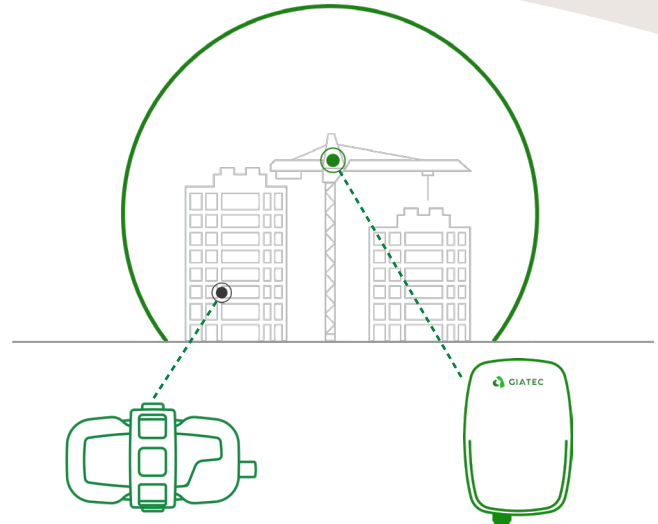
**Operating Temperature**  
-40 to 140 °F  
(-40 to 60 °C)

**Weight**  
3.6 lbs

**Dimensions  
(Does not include antenna)**  
(10.4 x 6.5 x 3.9)  
(265 x 165 x 100 mm)

\*Based on sensor installation  
and depth requirement

Giatec's Long Range options are now available worldwide. Contact a Giatec representative to confirm availability and support in your country.



### SmartRock Long Range

SmartRock Long Range sensors sync to the SmartRock App and Giatec 360™, keeping teams aligned with real time concrete insights, wherever they are.

### SmartHub Long Range

SmartHub Long Range impressively collects data from up to 1000 ft (300 m) and connects with unlimited SmartRock sensors on-site.

## Benefits Of Wireless Remote Monitoring

Traditional methods fall short on large or logistically complex jobsites, and the time and effort needed to collect data repeatedly is unsustainable for a large-scale project. SmartRock Long Range was designed to solve that problem—extending wireless remote monitoring to concrete pours once considered out of reach.

From massive infrastructure pours and high-rise construction to hazardous or cold-weather sites, this system gives project teams complete visibility into curing performance—without ever stepping foot on-site.

- **True Long-Range Wireless Monitoring:** Collect concrete temperature and strength data up to 1000 ft (300 m) away via the SmartHub Long Range.
- **Safe, Remote Access to Critical Data:** Gain 24/7 visibility into curing progress from your office, vehicle, or job trailer.
- **Ideal for Large or Complex Jobsites:** Perfect for bridges, deep foundations, tunnels, high-rises, or cold-climate projects.
- **Reduce Site Visits & Manual Collection:** Eliminate the need for on-site downloads and improve operational efficiency.
- **Improve Quality & Avoid Rework:** Receive real-time alerts to prevent curing issues and delays before they happen.
- **Proven ROI in Labor, Time, and Material Savings:** Accelerate project timelines and reduce costly disruptions with precise maturity-based strength data.

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