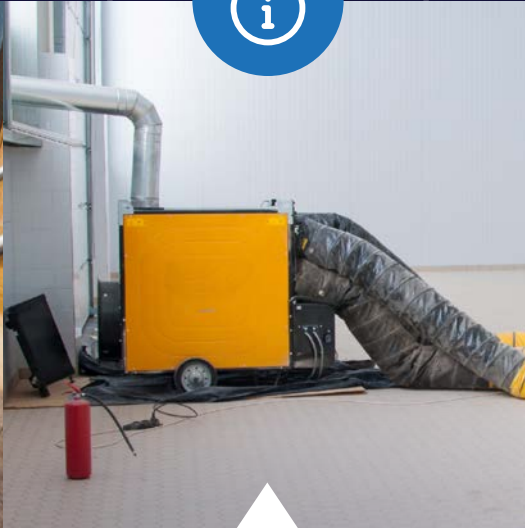







## Product Info

# Pro Xentral Heat IQ










### INSIGHTS:

- Asset run-hours 
- Location 
- Real-time status 
- Diagnostic data 
- Xense data (optional) 

Compatible with your heater if it uses an R.W. Beckett GeniSys 7565 or 7585 controller.



### FEATURES:

-  Fixed power 24V AC  
(Connect to R.W. Beckett GeniSys 7565/7585).
-  1200 mAh internal backup battery
-  NB-IoT / LTE-M communication
-  eSIM (Data incl. in license)
-  CE-certified
-  IP67 - ruggedized for industrial use
-  106 x 80 x 30 mm / 4.2 x 3.1 x 1.2 in\*  
\*Incl. mounting holes, excl. wire

Why send technicians to the construction site if heater issues can be diagnosed and resolved remotely? Xtello Pro Xentral – Heat IQ – gives you the power to diagnose, monitor, and manage heaters remotely – without ever setting foot on site.

It reads machine diagnostic fault codes, total run hours, GPS location, and ON/OFF status, with all data available in Xtello's intuitive apps or directly integrated into your own monitoring system via API.

It also doubles as a powerful tracker, providing live GPS data that can help recover equipment in case of theft or misplacement.



# Xtello

Your Data Butler



### Contact us:

[sales@xtello.com](mailto:sales@xtello.com)

+45 3226 9200

[xtello.com](http://xtello.com)

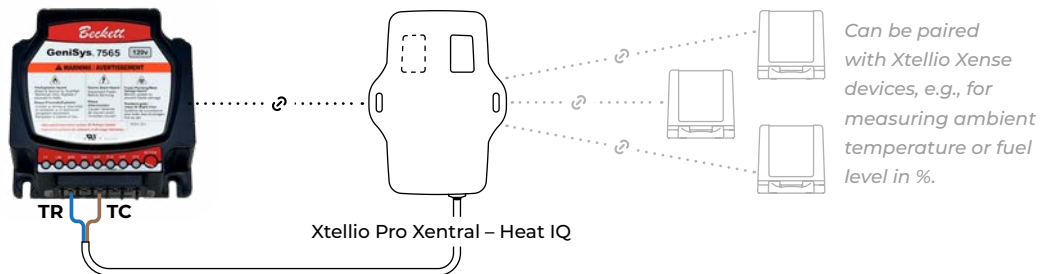


## How it works

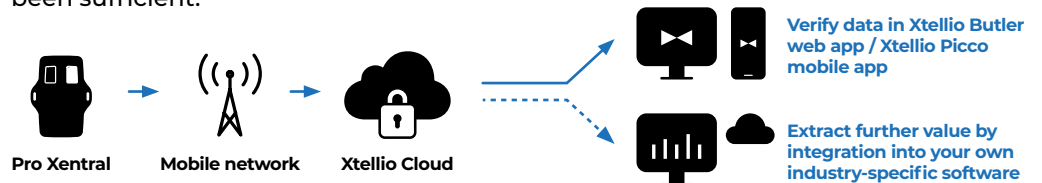
### Default Operation

Pro Xentral – Heat IQ reads key diagnostic data from your heater if it is equipped with an R.W. Beckett GeniSys 7565 or 7585 controller:

- Burner operating state (Standby, Ignition, Run, Recycle, Lockout)
- Fault codes indicating ignition or flame errors
- Lockout and Hard Lockout status with reset indication
- Flame detection and stability (via cad cell monitoring)
- Burner ON/OFF
- Ignition and motor runtime sequences
- Recycle activity and safety shutdowns
- Pump Prime mode activation
- Total run hours and heat call cycles
- Real-time operational insights available remotely via Xtellio Cloud or API



Pro Xentral – Heat IQ can also measure GPS location to help you recover misplaced or stolen equipment. It can also be paired with Xtellio Xense units within wireless range of the Pro Xentral for additional insights such as ambient temperature and humidity — useful for verifying whether drying conditions have been sufficient.



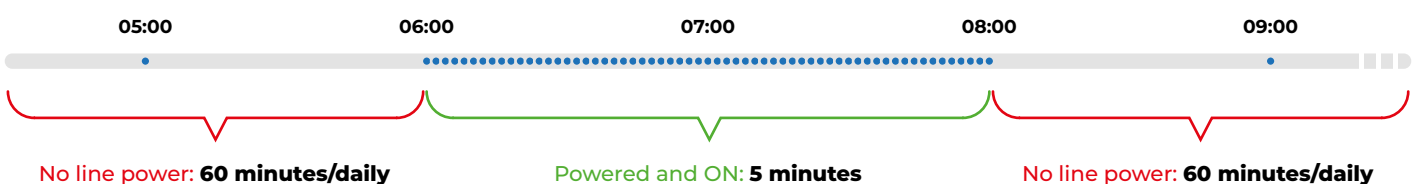
All collected data is transmitted securely to the Xtellio Cloud via a built-in SIM module, which utilizes NB-IoT or LTE-M networks (with 2G fallback) for robust performance, even in areas with limited coverage.

From the Xtellio Cloud, data is either integrated into your existing systems via Xtellio’s APIs or accessed through the Xtellio Butler web app or Xtellio Picco mobile app — all included as part of your Xtellio Xervice.

### Default settings

#### Cloud data transmission (default setting):

- Powered and ON: Every 5 minutes
- No line power: Every 60 minutes (first 48 hours)  
Daily (after 48 hours)



The device is capable of storing data, in case of network issues, and will automatically push stored data to the Xtellio Cloud when connectivity is restored.








## Technical specification

**Product number** 90044300

**Wireless communication** Standards: NB-IoT, LTE-M with 2G fallback, and Bluetooth LE 5.x  
LTE band support: B2, B3, B8, B12, B20 Software update over air (SUOTA)  
eSIM

**Sensors (built-in)** **GNSS positioning:** GPS, GLONASS, Galileo and BeiDou supported.  
**Accelerometer:** Accuracy:  $\pm 2$  /  $\pm 4$  /  $\pm 8$  /  $\pm 16$  g full scale  
**Gyroscope:**  $\pm 125$  /  $\pm 250$  /  $\pm 500$  /  $\pm 1000$  /  $\pm 2000$  /  $\pm 4000$  dps full scale

**Power & Inputs** **Fixed power:** 3-wire cable, (800 mm / 31 in):

-  The brown wire goes to TR
-  The blue wire goes to TC
-  The black wire is not connected (reserved for future use).

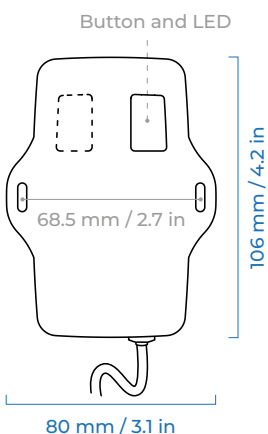
**Internal backup battery:** 1200 mAh rechargeable Li-ion battery

**Operating conditions** -20°C to +70°C / 0°F to +150°F

**Certification & Compliance** CE, (FCC / PTCRB pending)

**IP Classification** IP67 - Industrial grade

## Mechanical properties



### Standard battery version:

**Dimensions:** 106 x 80 x 30 mm /  
4.2 x 3.1 x 1.2 in

**Weight:** 140 g / 5 oz (Approx.)  
**Cable:** 800 mm / 31 in

