RECEPTOR

A Bluetooth Temperature Probe for Inspection

Water Resistant (IP65)
Includes Rechargeable Battery
Range: -30ºC to +120ºC
-22ºF to +248ºF

Technical Specifications

Complete Receptor Unit

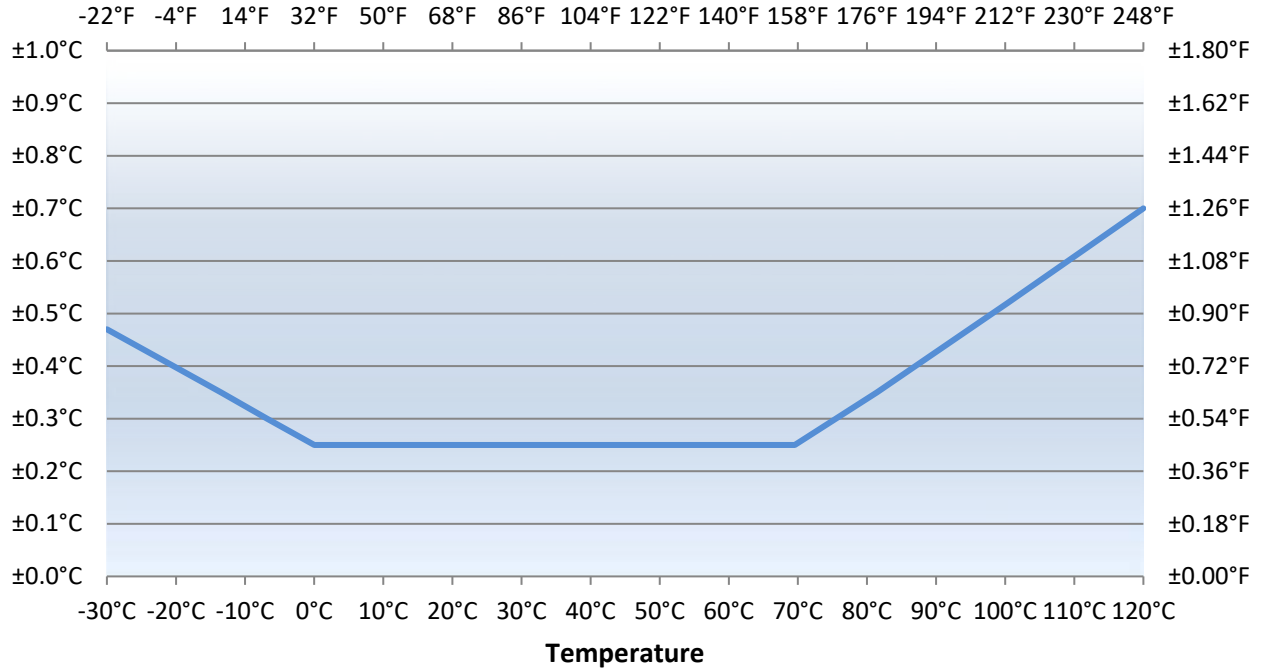|	
Dimensions (LxWxD):	209mm x 23mm x 17mm (8.23" x 0.91" x 0.67")
Handle Material:	Stainless steel
Weight:	128g (4.52oz)
Connector:	microUSB for charging
Battery:	Integrated rechargeable Li-Ion battery
Battery Life:	>100 hours of measurements on a single charge
Bluetooth Technology:	BLE (Bluetooth 4.0 also called Bluetooth Smart)
Security:	"Just Works" pairing, encrypted communication
Operating Temperature:	0℃ to 40℃
Non-operating Temperature:	-30℃ to 70℃
Relative Humidity:	10% to 90%
Certifications:	FCC, CE, IP65 preliminary rating (testing underway)

Probe

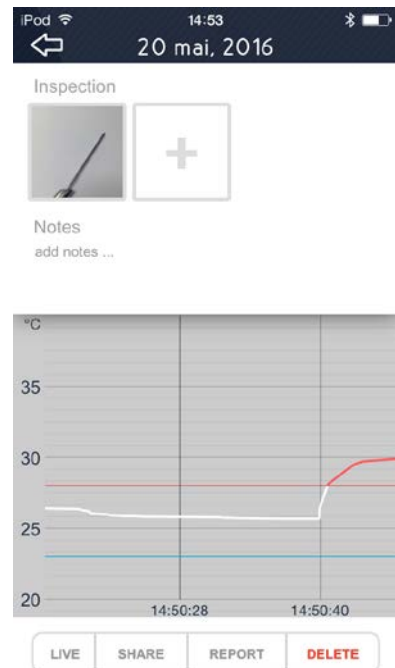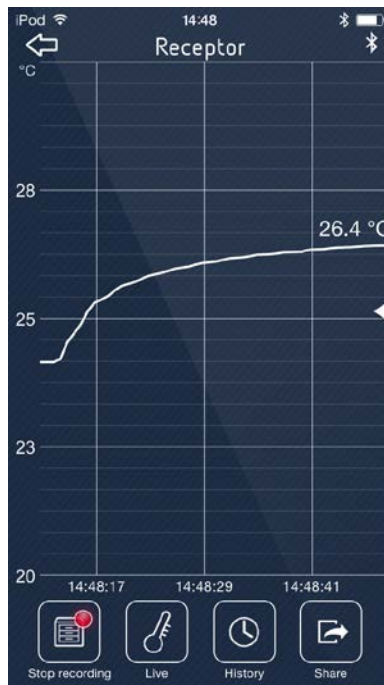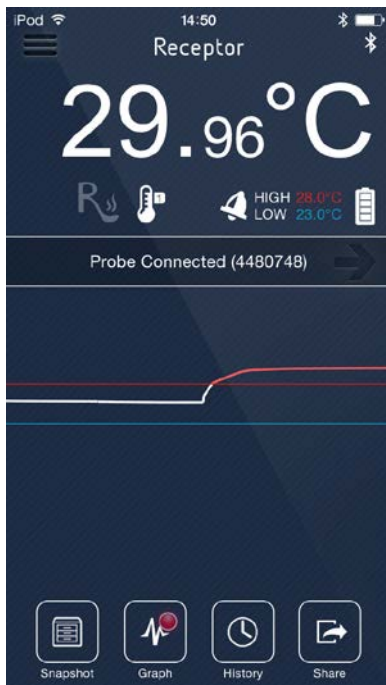|	
Probe Length & Diameter:	97mm, Ø 3mm (3.82", Ø 0.12")
Probe Material:	Stainless steel
Measurement Range:	-30℃ to +120℃ (-22°F to +248°F)
Accuracy:	±0.25℃ (±0.45°F) at 25℃ (77°F).
Response time:	In water, with stirring: 4 sec (to reach 90% of value)

iOS/Android App

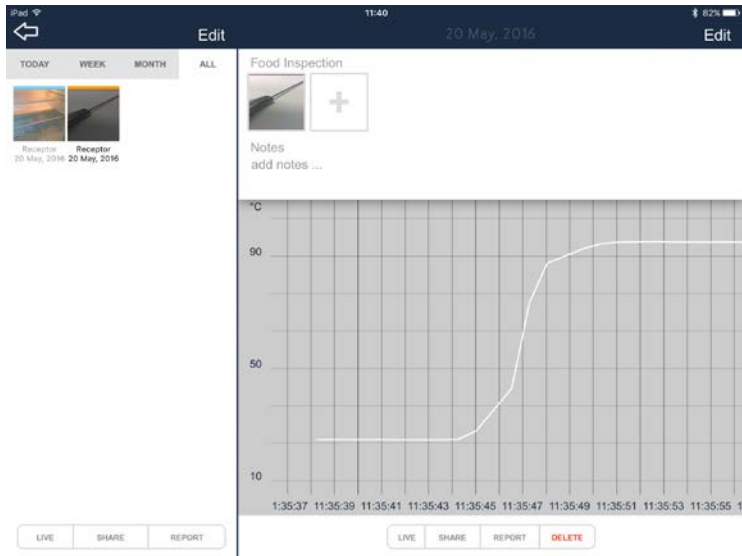|	
Features:	**Live Display** – Shows useful data in one shot.
	Graphs – With pan and zoom touch support.
	Alarms – Generate alarms when temperature goes outside a configurable (lower and/or upper) limit. On iPhone, call other phones when that happens.
	Snapshot Record – Ability to record a single reading, along with title, picture and note.
	Continuous Record – Ability to continuously record readings as well as to add notes, take a picture and drop a pin on the graph.
	History – Access all your previous records.
	Reports – Generate PDF reports with min, max, average temperature and standard deviation.
Display Resolution:	0.01℃/0.01°F
iCelsius App Supported On:	iOS device with iOS 7.0 or later. Android device with Android 4.3 or later.
Data Export:	Export by email or to iTunes (CSV) or as an image.
Units:	Ability to select [℃] or [°F].
API:	We provide an API to selected developers willing to integrate our technology into their apps.

Accuracy Chart

Receptor - Temperature Accuracy Chart

iCelsius App Screenshots

LIST VIEWS SETTINGS HISTORY REPORTS HELP SUPPORT

ALARMS

Receptor (PROBE 1)

RECORDING
00:00:51

24.95°C

Probe Connected (10553870)

Receptor

UPPER LIMIT - °C
Alarm

LOWER LIMIT - °C
Alarm

°C
28
25
23
20

11:34:53 11:34:57 11:35:01 11:35:05 11:35:09 11:35:13 11:35:17

25.0 °C

Edit   20 May, 2016   Edit

TODAY WEEK MONTH ALL

Receptor   Receptor
20 May, 2016   20 May, 2016

Food Inspection

Notes
add notes ...

°C
90
50
10

1:35:37 11:35:39 11:35:41 11:35:43 11:35:45 11:35:47 11:35:49 11:35:51 11:35:53 11:35:55

LIVE SHARE REPORT   LIVE SHARE REPORT DELETE

Done   11:41:03 May 20, 2016

Aginova
AGILE INNOVATIONS

Record Report   11:41:03 May 20, 2016

Receptor
Started: 11:35:38 05-20-2016
Ended: 11:36:18 05-20-2016
Duration: 0h 0m 39s

Temperature
Min: 24.55°C   Max: 95.21°C   Average: 76.20°C   Std dev: 26.70°C

Humidity
Min: 0.00%   Max: 0.00%   Average: 0.00%   Std dev: 0.00%

More information

Find us on the Internet:

www.foodinspector.us   *and*   www.aginova.com

https://www.facebook.com/Receptor-453078305054017/

@ReceptorInspect

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