

Dulas beyond

READY

Integrated remote temperature monitoring

WHO PQS
E006/036

120 day
local data
storage

30 day
report via
QR code

Alarm indicators

Temperature display

Easy to read
LCD screen



Onboard temperature
and humidity sensors



Scannable
QR code
for instant
reports

User friendly
dashboard



Integrated Beyond ICE3
device fitted to all Dulas
refrigerators at no
additional cost

High precision 10 K NTC thermistors are used to measure the temperature with sensors built into the refrigerator during manufacture.

Features and Benefits:

-  Always on temperature display
-  High and low alarm settings
-  Audible and visual alarm functions
-  Alarm history indication
-  Three year warranty

Maintenance free, the rechargeable battery in the ICE3 device is powered by the refrigerator and designed to last the lifetime of the product



Optional Extra

BeyondColdCloud™ provides real-time visibility of your entire cold chain in one easy to use portal. This cloud based cold chain management solution provides a constant view of your temperature sensitive assets installed anywhere around the globe. Sending critical alerts to the right people at the right time ensures that temperature deviations do not degrade or destroy temperature sensitive products.

- Real-time GIS dashboard accessible via smart phone and internet browser.
- Multi-recipient SMS and email alarm escalations.
- Automated Daily/Weekly/Monthly reporting.
- On-demand reporting.
- Alarm analytics.
- Interoperability with existing BeyondColdCloud™ assets.
- Dual-SIM with remotely activated global SIM card.

Available as an annual subscription which can be activated at purchase or switched on remotely at any point after commissioning the refrigerator.

Revolutionary 30-Day Temperature Report (DTR) QR Code

By simply scanning the QR code on a mobile phone, you can have instant access to a 30-day report of your refrigerator's performance.



The report provides the following information:

- Refrigerator name and location information.
- Asset name including refrigerator serial number.
- Period covered by report.
- Graphical display of temperature record.
- Daily temperature max/min/average (on graph and table).
- 30-day temperature max/min/average.
- Daily and monthly, Mean Kinetic Temperature, (MKT).
- Number of high/low temperature alarms each day/month.

Technical Details

Manufacturer's reference	Dulas Beyond ICE3
PQS reference	E006/O36
Calibration	Calibrated according to NIST/ILAC standards
Temperature measurement accuracy	+/-0.2 °C between 0 °C and +25 °C
Device operating temperature range	-20 °C to +55 °C
Probe operating temperature range	-40 °C to +100 °C
Alarm limits	Low alarm setting: Exposure to a single temperature event of -0.5 °C or below for 1 hour* High alarm setting: Exposure to a single temperature event of +8 °C or above for 10 hours* <i>* fully customisable via web portal subscription</i>
Alarm indication	Visual and audible
Inputs	Refrigerator temperature, freezer temperature, ambient temperature, ambient humidity
Power source	Rechargeable battery
Battery type	Lithium LiFePO4
Battery lifetime	>10 years

For more information please visit www.dulas.org.uk/beyondready

Dulas. Experts in cold chain technology

For over 40 years, Dulas has been a pioneer in renewable energy. Our mission is to develop and implement renewable energy solutions that improve lives, help to combat climate change, and support communities in the most rural parts of the world. Renowned for our WHO pre-qualified solar vaccine refrigerators and freezers, we continue to innovate, developing & improving our products and supporting projects in the field by providing in-depth technician and user training.

