Single, Cumulative, Continuous

Endicate™ offers three trigger types to select when customizing the device.

Customer Example:
Customer A would like to program their Endicate™ device to show when a shipment has been exposed to 0°C for 30 minutes, with the default, 1-minute sampling period.
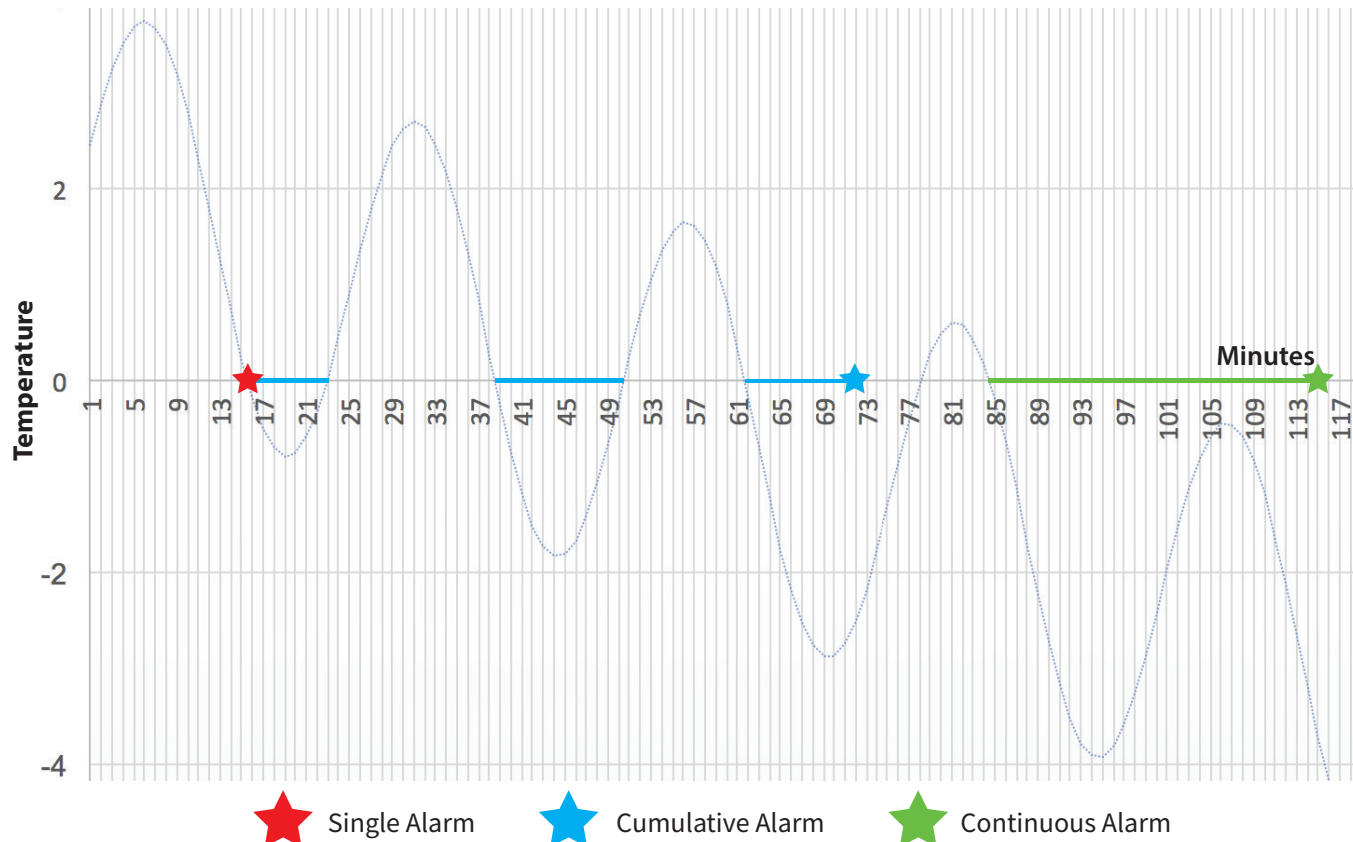
Single
Selecting a single trigger type shows the first point at which a temperature breach has occurred. As shown by the red star in the drawing, this alarm would trigger at 16 minutes – the first minute in which the shipment has dropped below 0°C.

Cumulative
A cumulative trigger type adds the number of minutes a temperature breach has occurred until your time has been reached. As shown by the blue line and star, this alarm would trigger at 72 minutes – taking into account the first 7 minutes the shipment has been below 0°C, the second 12 minutes and the balance of 11 minutes for the 30-minute sampling period.

Continuous
A continuous trigger shows when a temperature breach has occurred for a constant amount of time. As shown by the green line and star, this alarm would trigger at 115 minutes. The temperature of 0°C was reached at the 85-minute point and remained below 0°C for a constant length of 30 minutes at the 115 minute point.

★ Single Alarm   ★ Cumulative Alarm   ★ Continuous Alarm