BERT® TEMPERATURE

OPTIONAL INTELLIGENT CONTROL
TEMPERATURE DATA AND TEMPERATURE-BASED CONTROL

REAL-TIME TEMPERATURE MONITORING

Collect and measure temperature data from any outlet or circuit where a Bert is installed. Temperature-enabled Berts send regular temperature updates to the server or building automation system.

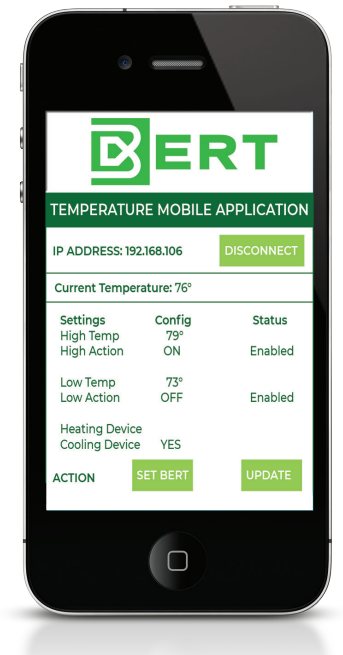
TEMPERATURE-BASED REMOTE CONTROL

Room air conditioners, PTAC units and heaters are controlled using high and low temperature set points. For each set point, specify the temperature value and whether the unit should turn on or off when the set point is reached.

Temperature settings can be changed using either the BERT TEMPERATURE mobile application or the building automation system UI.

INDIVIDUAL TEMPERATURE CALIBRATION

Bert's can be individually calibrated to ensure temperature accuracy. Recorded temperature readings for Berts installed in a wall may vary slightly from the room temperature. To offset temperature differences for Berts installed in a wall, Berts can be individually calibrated to ensure temperature accuracy with the existing building automation system or BERT TEMPERATURE mobile application.



MULTIPLE SCHEDULING OPTIONS

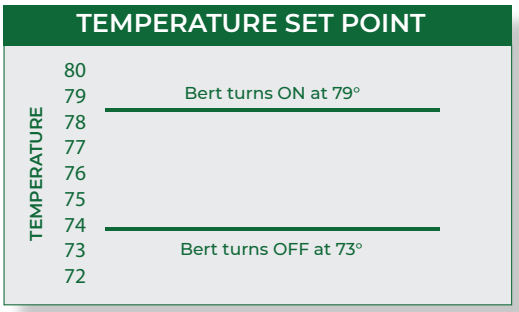
For Berts with BERT TEMPERATURE enabled, there are three scheduling options:

TIME-BASED SCHEDULING ONLY

Devices are controlled using on and off times. BERT TEMPERATURE collects real-time temperature data and is not used for control.

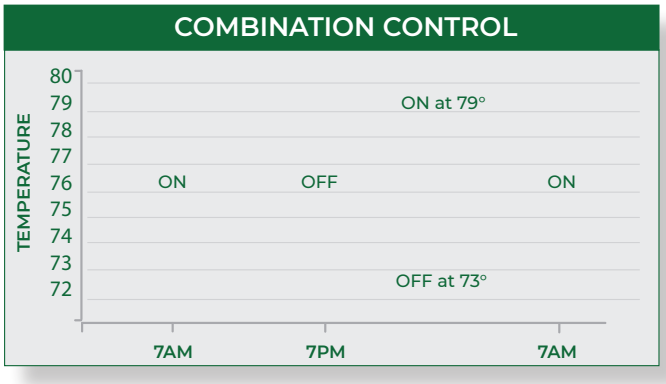
TEMPERATURE SET POINT ONLY

Devices turned on and off using temperature set points only.



COMBINATION

Users also have the option to use time-based schedules for part of the day and temperature set points at other times. For example, an AC unit might be configured to turn ON at 7 am and OFF at 7 pm EVERYDAY. Between 7:01 pm and 6:59 am, the unit will turn on and off according to the temperature set point settings.



BULDING SYSTEM INTEGRATION

BERT CONNECT, Bert's BACnet/IP Gateway allows building automation systems to view real-time temperature data from any Bert and control devices using temperature set points.

Air Conditioners, PTAC units and Heaters