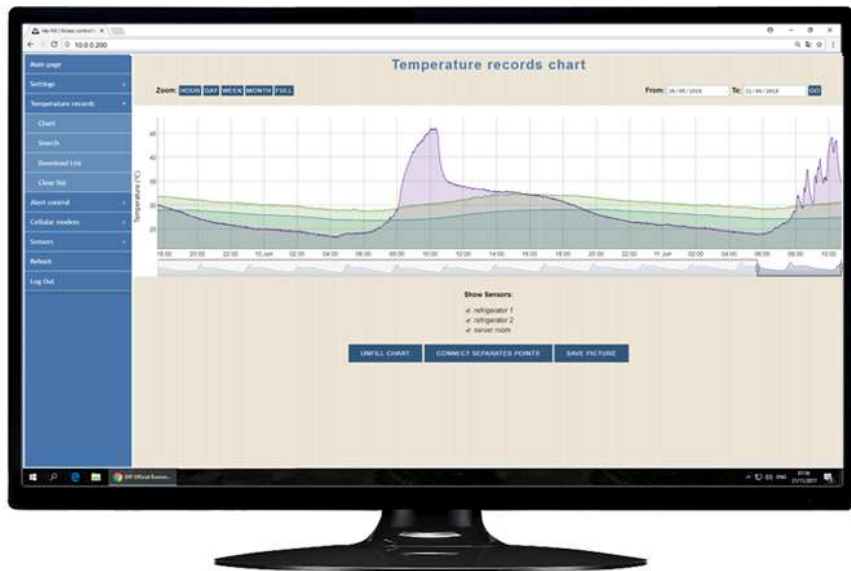


## Refrigerator temperature controller

IDP provide a variety of temperature control solutions based on modular controller. The solution is suitable for use in server rooms, refrigerated containers, industrial refrigerators, refrigerated trucks and more ...

- ✓ Two different temperature threshold for each sensor.
- ✓ SMS status at any time by calling the controller.
- ✓ Alerts delay can be set.
- ✓ Support end alert - when the temperature back to normal.
- ✓ SMS nagger every few minutes.
- ✓ Internal memory of 60,000 records, graph view and csv export.
- ✓ Alerts up to 16 phone numbers via SMS or call.
- ✓ Contain 4G cellular modem.
- ✓ Optional - SNMP / MQTT / SMTP Alerts.
- ✓ Power failure alert (only in models with backup battery).



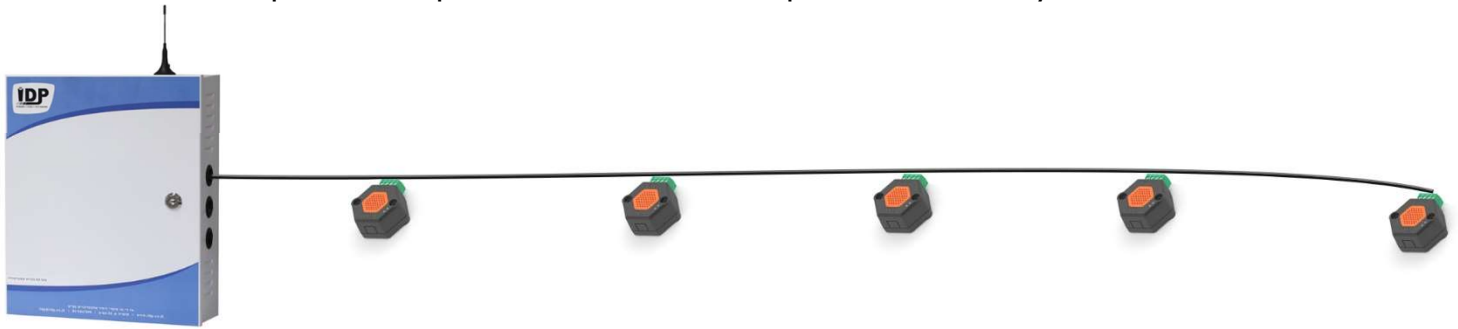
The solution is based on modular controller, we provide tailor made changes on hardware / software

The controller can connect to several sensors via RS485 communication, all sensors are connected in series using a 4-wire communication cable (the sensors come without a cable, can be extended up to 1000 m).

The solution is suitable for measuring the temperature of rooms as well as refrigerators.

The model that contains a backup battery connection also contains 3 dry contact inputs.

You can connect up to 16 temperature sensors / 8 temperature+humidity sensors to one controller.



PN	Description
T2T-BP-1	Temperature controller with RS485 input (without sensors)
T2T-BP-1P	Temperature controller with RS485 input and backup battery (without sensors)
TBP-01	RS485 temperature sensor
TPT-01	Waterproof RS485 temperature sensor IP67
TBP-02	RS485 temperature + Humidity sensor 10-90 RH
TPT-02	Waterproof RS485 temperature + Humidity sensor IP67 0-100 RH
TPT-03C	Waterproof RS485 temperature sensor with external temperature display



TBP-01 / TBP-02  
Dimensions, excluding connectors:  
40 x 36 x 19mm



TPT-01  
Sensor size: 8X50mm  
Cable length: 4m