



UNIT Width 111 mm x Depth 50 mm x Height 220 mm

TK BlueBox 2



Communication platform to monitor refrigerated units.

- Uses cellular capabilities to communicate with Thermo King's web-based TracKing™ application.
- Bluetooth and Cellular options are available when using the TK Reefer App to monitor assets using BlueBox.
- Compatible with all Thermo King products (Trailer, Self-powered Truck and Vehicle-powered Truck).

Specifications

| FEATURES | DESCRIPTION | SPECIFICATIONS |
|-------------------------|--|---|
| GPS | Quectel L86 | |
| Communications | Communications: Quectel EC91EXGA 4G Modem | 4G/3G/2G |
| SIM | Embedded SIM (eUICC) or removable sim | G01 (Global SIM - EMEA only), G02 (Global SIM (embedded) + Local SIM (provided by TK for improved regional GSM coverage - TSA only) |
| Serial ports | 2x RS232 (TracKing extensions or Third-Party Connect) | |
| CAN ports | CAN Ports (Proprietary and J1939) | J1939 2nd CAN |
| Bluetooth | Bluetooth dual mode - Low Energy and Classic, Panasonic PAN1326C with internal antenna | |
| Processor | Sitara 300Mhz ARM Cortex-A8 300MHZ | |
| Memory | Flash | 4GB |
| Power usage | Main power source (6-30 Vdc) | |
| Operational Temperature | Range -40 to +85°C | |
| Dimensions | L x B x H | 220 x 111 x 50 |
| Enclosure | IP Rating | IP 65 |
| Environment | RoHs, TKS | TKS28020 |
| Protection | Reverse polarity protection | 0 to 64V |
| GPIOs | Analogue/digital inputs to support sensor monitoring while Controller OFF | Door switches (1 to 3) and Fuel Sensor |
| Agency certifications | Industry and Telecommunications | CE, PTCRB, UKCA |
| Geofences | Dynamic Geofence monitoring | 500 |
| Remote Optiset+ | Temperature sensitive monitoring | up to 64 per vehicle |
| Warranty | Thermo King standard warranty terms and conditions | 24 months |

| TK BLUEBOX BACKUP BATTERY |
|---------------------------|
| Lithium Ion, 3.7v, 2.6Ah |