



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).

TECHNICAL DATA

UNIT DIMENSIONS

Height	220 mm
Width	111 mm
Depth	50 mm

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

CONNECTED SOLUTIONS

TK BLUEBOX BACKUP BATTERY

Lithium Ion, 3.7v, 2.6Ah