

# Gateway Specification



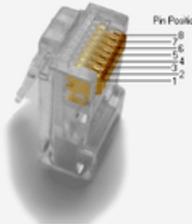
The GreaseBoss Gateway is a multifunctional device designed to facilitate seamless communication between GreaseBoss Endpoints, Head Units, and the GreaseBoss Cloud. This secure and highly configurable gateway ensures robust data transmission and connectivity, even in harsh industrial environments.

## General Specification

<b>Router</b>	Teltonika RUTX11
<b>Wireless Protocol Options</b>	Bluetooth, WiFi, LTE (dual sim available)
<b>Power Options</b>	9-50V DC Input (240/120VAC power supply provided) or Passive PoE on LAN1.
<b>Max Power Consumption</b>	14 W
<b>Operating Temperature</b>	-40°C to 75°C
<b>Operating Humidity</b>	N/A
<b>Regulatory Compliance</b>	CE, FCC, UKCA, EAC, RCM
<b>Wired Ports</b>	1x RJ45 Port (PoE capable)
<b>Materials</b>	ABS, Aluminum, PTFE
<b>Mass</b>	1.5 kg 3.3 lb.
<b>Dimensions</b>	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
<b>Ingress Protection Rating</b>	IP67
<b>Mounting Options</b>	Pole Mount

## PoE Specification

RJ45 pinout:

Pin	10/100 mode B, DC on spares	T568A Color	T568B Color	Pins on plug face (socket is reversed)
1	TX+	 white/green stripe	 white/orange stripe	
2	TX-	 green solid	 orange solid	
3	RX+	 white/orange stripe	 white/green stripe	
4	DC+	 blue solid	 blue solid	
5	DC+	 white/blue stripe	 white/blue stripe	
6	RX-	 orange solid	 green solid	
7	DC-	 white/brown stripe	 white/brown stripe	
8	DC-	 brown solid	 brown solid	