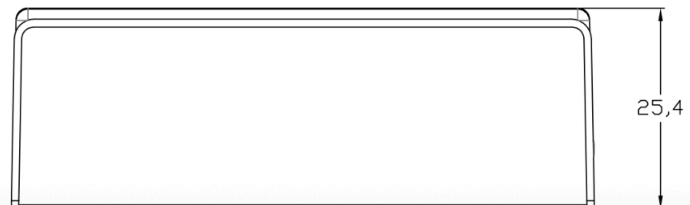
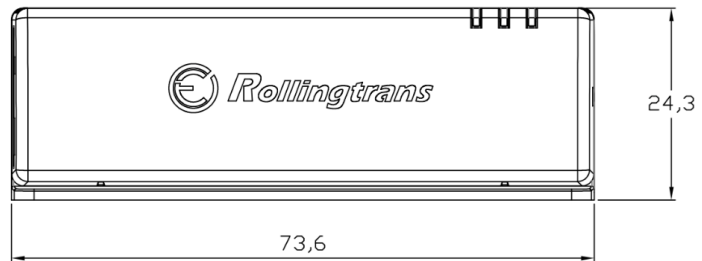
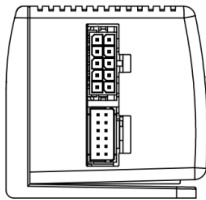
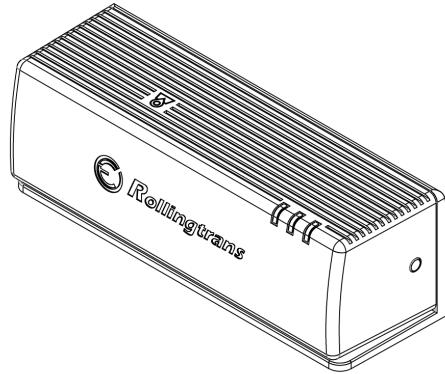


ELD V2.0 User manual

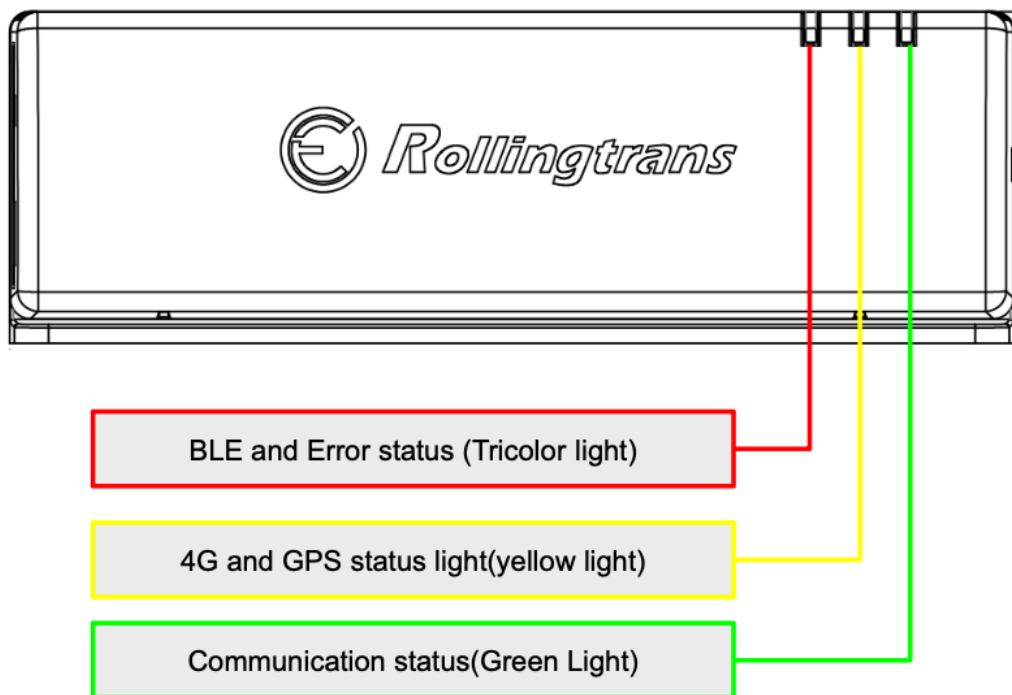
3D Size:



Technical Specification :

Item	Description
Main Processor	ARM Cortex A7 with 1.3GHz clock with 256KB L2 Cache
Storage	256 MB
Power Input	DC10V – 36V
Vehicle Comm.	CAN Bus, J1708, J1939
Wireless	Bluetooth 5.0 & 4G
GPS	GNSS support: GPS/GLONASS/QZSS
LEDs	Green, Yellow, Tricolor light
Button	Reset Button
Operation Temp.	-40°C ~ +85 °C
Storage Temp.	-40°C ~ +85 °C
Humidity	< 90%
Dimension	73.6 mm (W)x 24.3 mm (D)x 25.4 mm (H)
Certificated	FCC

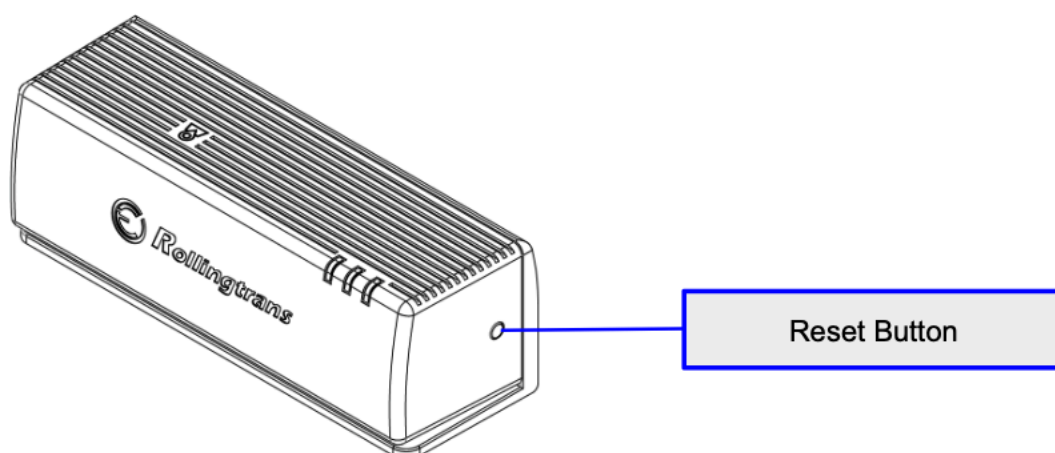
Interface:



The Tricolor lights are for BLE and Error: They will flash after a successful connection to the phone, or display a red light if there is an error.

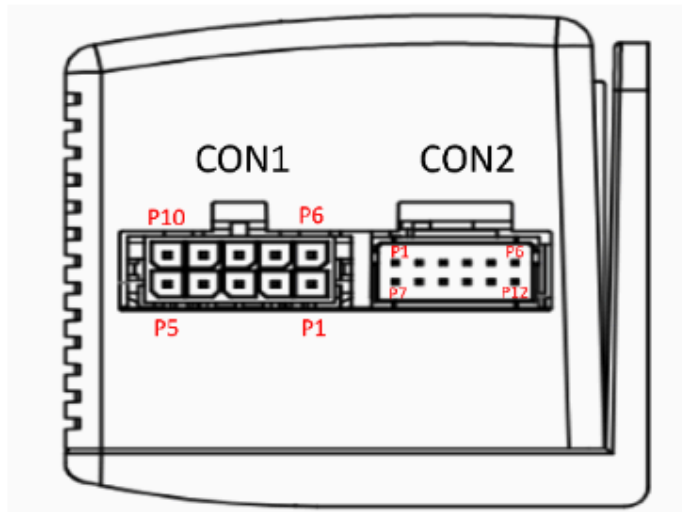
The yellow light is for GPS: It stays on when GPS and 4G are not yet in use, and flashes after successful positioning.

The green light is for OBD: It flashes when communicating with OBD.



Pin definition

Pin definition



CON1					
Pin	Pin1	Pin2	Pin3	Pin4	Pin5
Function	+12V in	J1939-	NC	J1708-	NC
Pin	Pin6	Pin7	Pin8	Pin9	Pin10
Function	NC	J1939+	NC	J1708+	GND

CON2						
Pin	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6
Function	Digital 12V in	Digital 12V in	Analogy 12V out	Analogy 12V out	ADC	ADC
Pin	Pin7	Pin8	Pin9	Pin10	Pin11	Pin12
Function	GND	UART TX	UART RX	NC	NC	GND

AGENCY APPROVAL



FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information (SAR)

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna

or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.