



MERIVA[®]
TECHNOLOGY

Streamax

Power Box Plus

Product specification



1. Product Overview

Power Box Plus adopts the interface of OBD to connect to the vehicle, supports J1939, J1850 and J1708 protocols, parses and outputs to the host through the serial port, suitable for diesel commercial vehicles such as heavy trucks, box trucks and pickups.

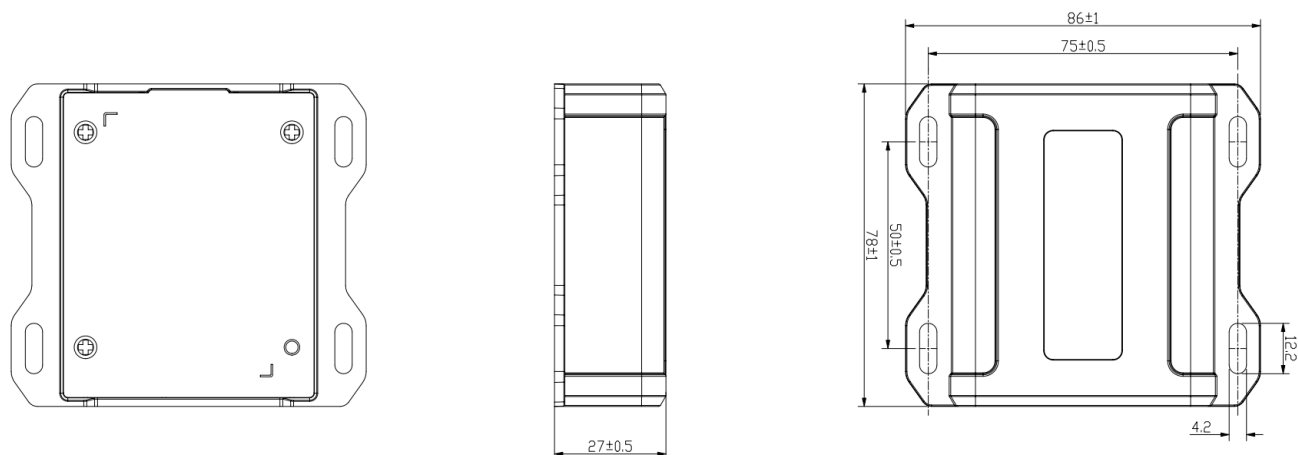
2. Product features

- Supports 3 IO detection
- Supports 1 RS232
- Supports 1 x 12V output up to 0.5A
- Supports 2 CAN channels
- Support for J1939 protocol
- Support for J1708/J1850/K-LINE protocol, one of three options
- Supports 1 IBUTTON access (reserved)

3. Product specifications

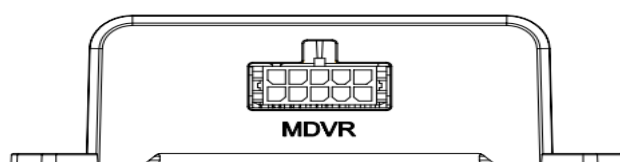
Model number	
	DT1
Interface	
RS232	x1
SENSOR IN	x3
IBUTTON	x1 (reserved)
CAN	x2
K-LINE	x1 (and J1708/J1850/K-LINE) three options
Power supply	
Input	DC 9-36V
Output	12V@500mA
Standby power consumption	24V@5mA
Physical properties	
Dimensions (mm)	86.0 mm x 78 mm x 27 mm
Weight (g)	85g (bare)
Environment	
Operating temperature	-40° C~+70° C
Working humidity	8%-95% (no condensation)

4. Dimensional drawings (mm)



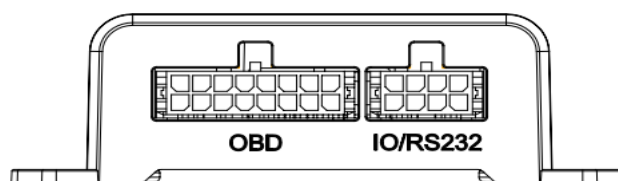
5. Panel interface

Front panel.



Serial number	Silk Printing Screen	Description
1	MDVR	Mainly docked to AD Plus 2.0 or MDVR

Rear panel.



Serial number	Silk Printing Screen	Description
1	OBD	Connection to the on-board OBD interface
2	IO/RS232	For IO inputs and serial peripherals

6. System connection diagram (docked to AD Plus 2.0)

