

# MART OBDII/J1939/ Mobileye® Interpreter

## Features

- Support 2-Channel CAN Bus
- Auto Detect OBDII/J1939 and CAN Bus Baud Rate
- Host Interface Available with RS232 or USB
- Over 20 Attributes (RPM, Fuel level, Odometer...)
- Mobileye® Protocol Compatible (Forward Collision Warning, Traffic Sign Recognition, Lane Departure Warning, etc.)



## Introduction

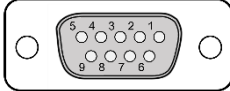
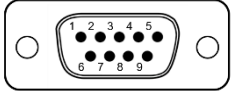
MART OBDII/J1939 Interpreter supports OBDII, J1939 and Mobileye® protocols, providing over 20 attributes and pass the data through RS232 or USB interface. Without using additional controllers or programming, the device configuration can be done in an extremely short time with easy-to-use commands. ANTZER TECH's MART Series allows your in-vehicle computer to access CAN bus easily. Moreover, you could receive all alert events such as Forward Collision Warning and Lane Departure Warning from Mobileye's ADAS (Advanced Driver Assistance Systems). The fleet manager in the back-end center could respond and act on these events. It's the ideal solution for the Fleet Management, Public Transit, Law Enforcement, Digital Signage Player, Vehicle Data Collection, Vehicle Tracking, Telematics System, etc.

## Specifications

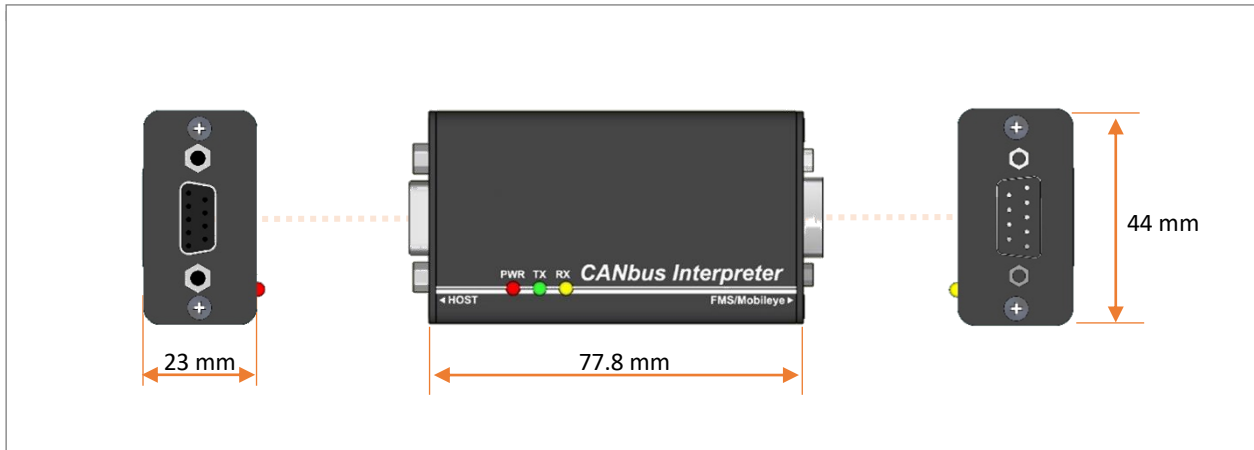
|                       |   |
|-----------------------|---|
| Protocol              | OBDII, J1939, Mobileye®   |
| Host Interface        | 1x RS232 D-Sub 9-Pin Female or 1x USB Type-A Male   |
| CAN Interface         | 1x D-Sub 9-Pin Male   |
| Channel               | 2 Individual CAN (ISO 11898) Channels   |
| LED Indicator         | 3x LEDs for Tx, Rx and Power  |
| Voltage Range         | Jumper-selectable 5V DC Input from any of D-Sub (Male) or D-Sub (Female) or USB connector |
| Operating Temperature | -20 to +70 °C   |
| Material              | Aluminum  |
| Dimension             | 77.8mm (L) x 44mm (W) x 23mm (H)  |
| Weight                | Net Weight 70g, Gross Weight 225g   |

\* Specifications are subject to change without prior notice.

## Pin Assignment

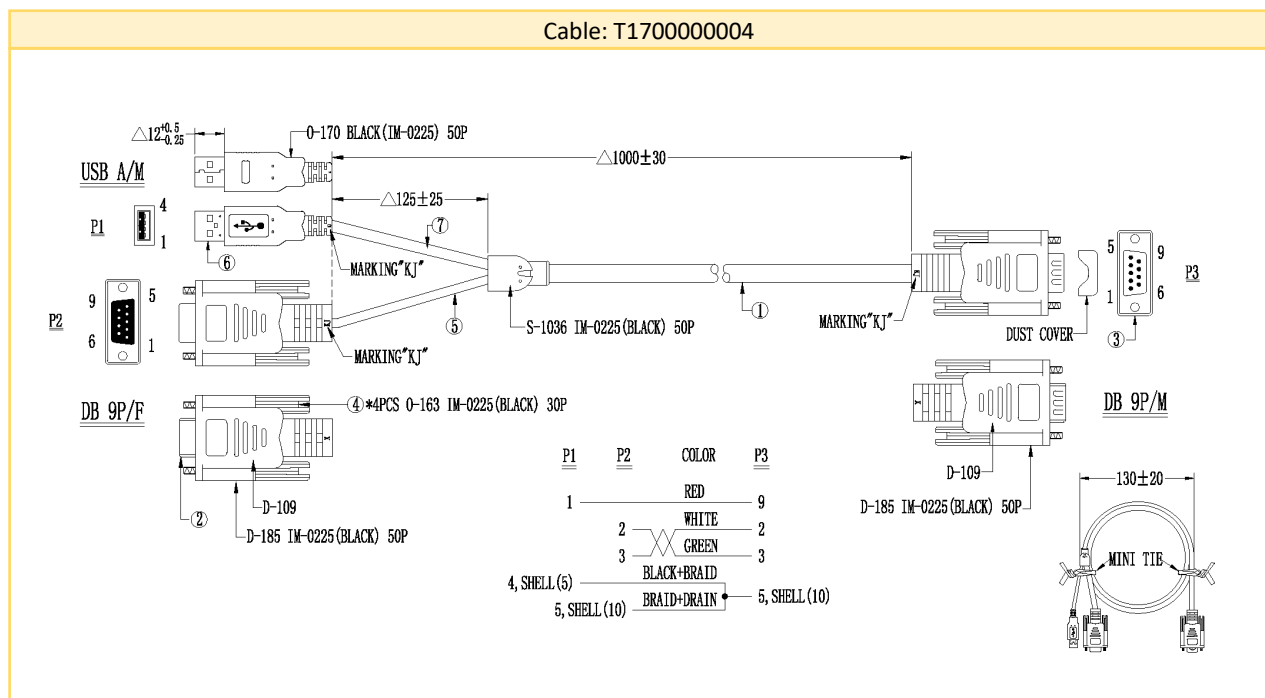
|   |   |          |  |   |                     |
|---|---|----------|--|---|---------------------|
| <br>DB-9 Female Connector<br>(Host side) | 1 | Reserved | <br>DB-9 Male Connector<br>(Mobileye/FMS side) | 1 | Reserved            |
|   | 2 | TXR      |  | 2 | CAN#1 Low           |
|   | 3 | RXD      |  | 3 | GND                 |
|   | 4 | Reserved |  | 4 | CAN#2 Low           |
|   | 5 | GND      |  | 5 | CAN#2 High          |
|   | 6 | Reserved |  | 6 | GND                 |
|   | 7 | Reserved |  | 7 | CAN#1 High          |
|   | 8 | Reserved |  | 8 | Reserved            |
|   | 9 | +5VDC IN |  | 9 | +5VDC IN (Optional) |

## Dimensions



## Ordering Information

| Model List   | Description   |
|--------------|---|
| MART-R120-A0 | RS232-to-CAN bus Interpreter, 1 channel support OBDII or J1939                    |
| MART-R260-A0 | RS232-to-CAN bus Interpreter, 2 channels support Mobileye® and OBDII/J1939        |
| MART-U260-A0 | USB-to-CAN bus Interpreter, 2 channels support Mobileye® and OBDII/J1939          |
| T1700000004  | Cable, DB9(M)-to-DB9(F)/USB Y-Cable, L=1.0M (USB connector for +5V DC input only) |



### ANTZER TECH CO., LTD.

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