

SMART BOX

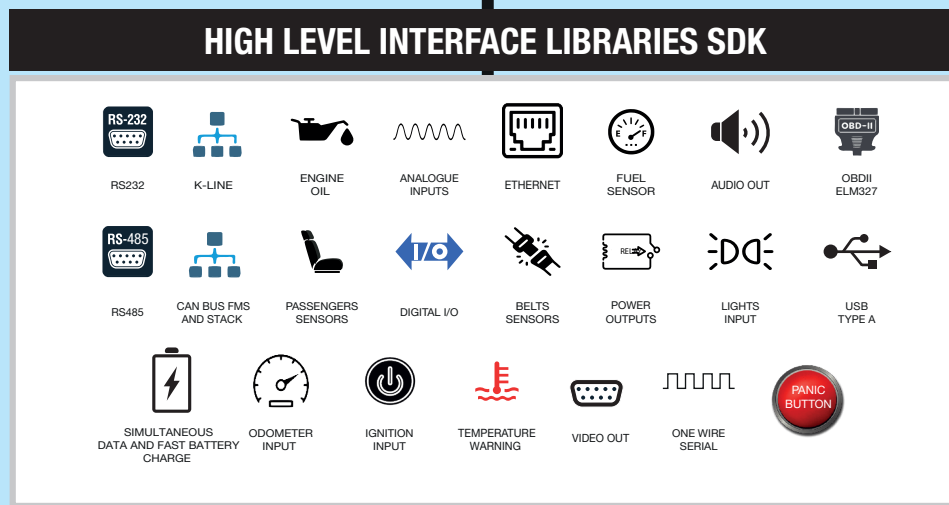
**Empower your Android Apps
with every Automotive
HW/SW interface**



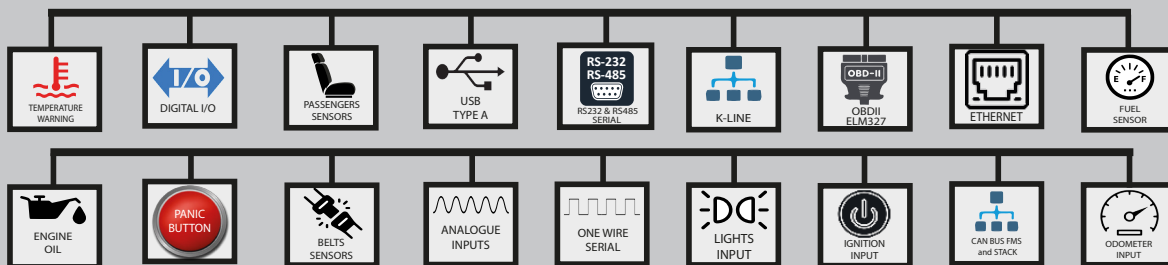
SMART BOX



AVAILABLE AN SDK WITH HIGH LEVEL INTERFACE LIBRARIES THAT ALLOW A FULL AND SIMPLE ACCESS TO ALL RX/TX VEHICLE HW/SW DATA



VEHICLES HW/SW DATA SOURCE



SMART BOX



Empower your smartphone Mobile Apps with every automotive HW/SW interface

The Smart Box has been designed to expand the full potential of your Android Apps by allowing them to interact with any automotive HW/SW interface.

Through a simple USB-C connection, your Android Apps running in a smartphone/tablet can read and write from any hardware and software interface available in a vehicle, while simultaneously fast-charging the battery of your device.

The Smart Box comes with a simple and ready-to-use Android SDK that allows you to easily integrate often complex interfaces like CAN bus and Inputs/Outputs with your Android Apps.

Exclusive AITP (Automotive Intense Task Processor) interfaces through SDK:

- Odometer input
- RS232
- OBDII ELM327 stack
- Can Bus with FMS and J1939 stack
- K-Line
- Digital I/O
- Analog inputs
- Digital Inputs
- Ignition input
- Lights input
- Power Outputs
- Panic button input
- One wire serial protocol
- Automotive 8/32V power input

Android OS transparent standard interfaces:

- Ethernet
- USB Type A
- RS232
- RS485
- Audio In/Out
- Video Out

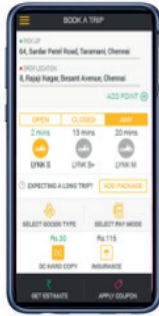
Available Versions:

- Wireless
- Bluetooth
- WiFi
- Digitax smart Box "Base"
- Digitax smart Box "Pro" Base + Smart Android platform, 4G modem, GPS, Bluetooth, WiFi

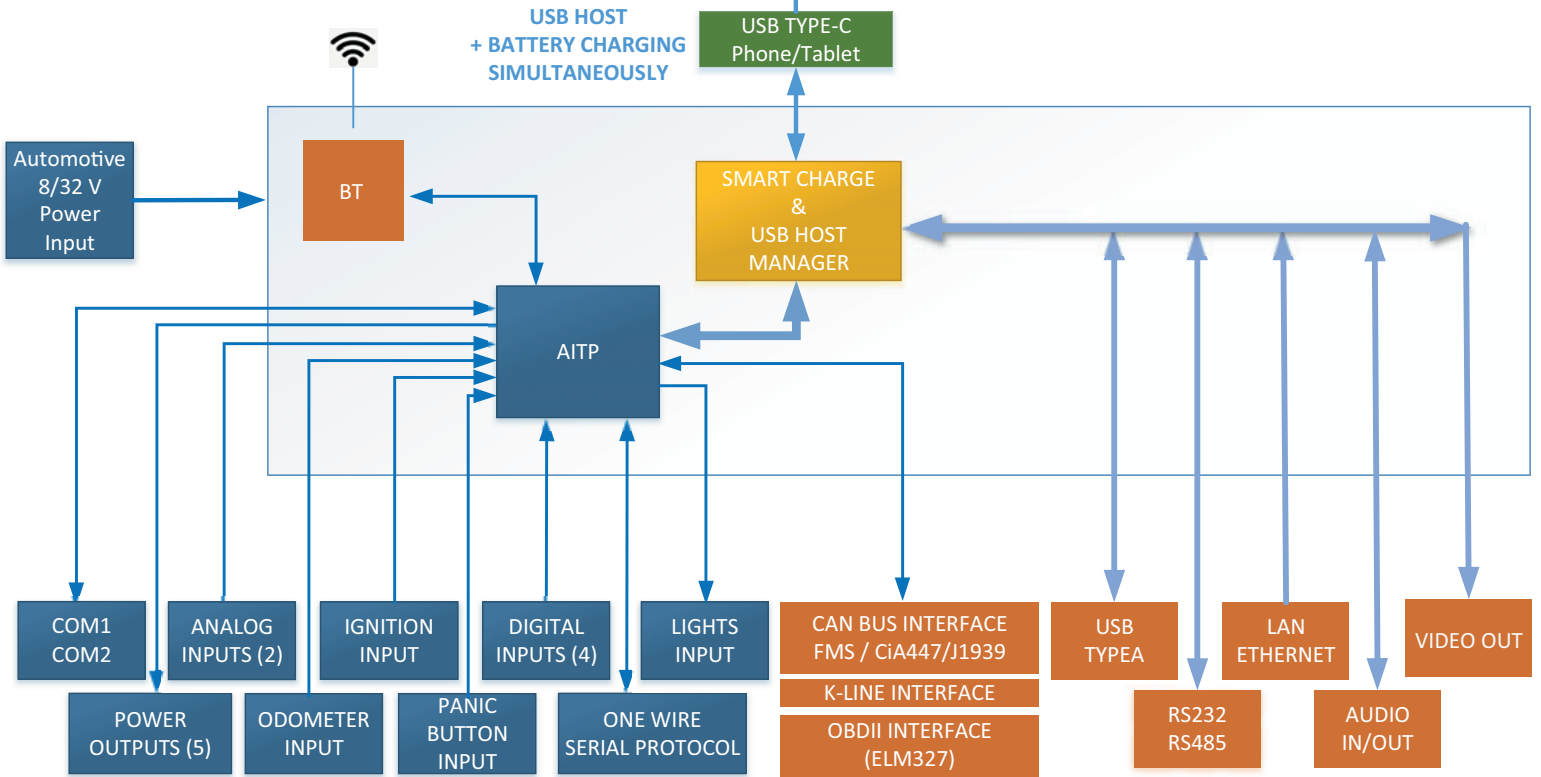
CONFIGURATIONS



Your Fleet Management App



■ FEATURES ALWAYS AVAILABLE
■ OPTIONAL FEATURES



CONNECTIONS

TABLET



SMARTPHONE



A Connector AITP COM 2	
PIN 1 = +12V/+5V	
PIN 2 = RX COM3 SPLIT	
PIN 3 = TX COM3 SPLIT	
PIN 4 = GND	
PIN 5 = PIO0	
PIN 6 = PIO1	
PIN 7 = GND	
PIN 8 = RX COM2	
PIN 9 = TX COM2	
PIN 10 = +12V/+5V	

C Connector CAN BUS	
PIN 1 = NOT USED	
PIN 2 = NOT USED	
PIN 3 = NOT USED	
PIN 4 = NOT USED	
PIN 5 = K-LINE	
PIN 6 = CAN2-L	
PIN 7 = CAN2-H	
PIN 8 = GND	
PIN 9 = CAN1- L	
PIN 10 = CAN1- H	

E Connector J30 Can bus	
1 GND	
2 GND	
3 +10V to + 24V External Power Supply	
4 +10V to + 24V External Power Supply	
5 Panic button	
6 Digital input 1	
7 Ignition input	
8 Digital input 2	
9 Vehicle wheel pulses (Odometer)	
10 Digital input 3	
11 +Light (Car light input)	
12 Digital input 4	
13 Passenger Sensor Input	
14 Analog input 1	
15 Power out 5 – Solid state relay 3A	
16 Analog input 2	
17 Power out 4 – Solid state relay 1A	
18 Power out 1 – Solid state relay 1A	
19 Power out 3 – Solid state relay 1A	
20 Power out 2 – Solid state relay 1A	

B Connector AITP COM 1	
* PIN 1 = AUDIO IN -	
* PIN 2 = AUDIO IN +	
* PIN 3 = AUDIO OUT -	
* PIN 4 = AUDIO OUT +	
PIN 5 = AUX 1	
PIN 6 = AUX 2	
PIN 7 = GND AITP COM 1	
PIN 8 = RX COM 1 AITP	
PIN 9 = TX COM 1 AITP	
PIN 10 = +12V/ +5V by JUMPER	

D Connector COM Ports	
PIN 1 = +12V/+5V	
PIN 2 = RX COM2	
PIN 3 = TX COM2	
PIN 4 = GND	
PIN 5 = NOT USED	
PIN 6 = NOT USED	
PIN 7 = GND	
PIN 8 = RX COM1	
PIN 9 = TX COM1	
PIN 10 = +12V/+5V	

F Connector USB HOST	
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G Connector ETHERNET LAN	
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*Audio and video features are available only on some specific Android devices

Technical specifications and external appearance are subject to change without notice

CONFIGURATIONS

SMART BOX PRO

ANDROID

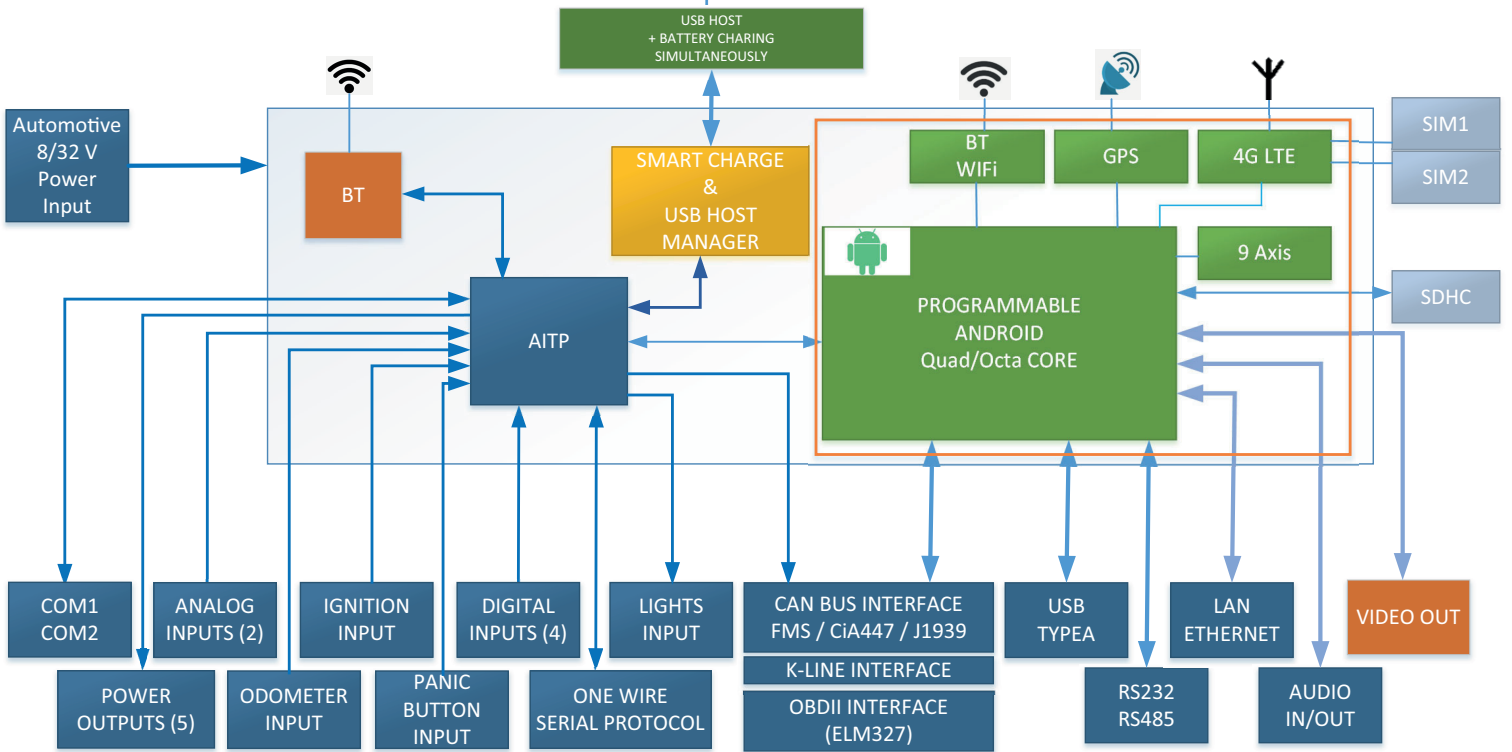
Your Fleet Management App



PIM TABLET



■ FEATURES ALWAYS AVAILABLE
■ OPTIONAL FEATURES

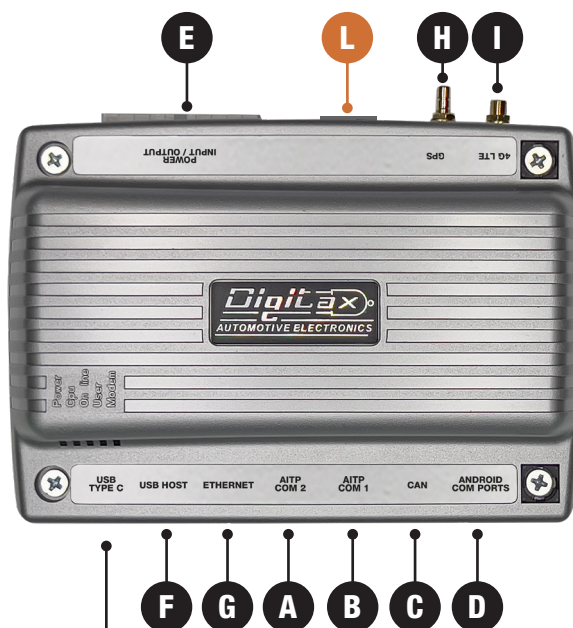


CONNECTIONS

TABLET



SMARTPHONE



A Connector AITP COM 2	
PIN 1 = +12V/+5V	
PIN 2 = RX COM3 SPLIT	
PIN 3 = TX COM3 SPLIT	
PIN 4 = GND	
PIN 5 = PIO0	
PIN 6 = PIO1	
PIN 7 = GND	
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PIN 9 = TX COM2	
PIN 10 = +12V/+5V	

C Connector CAN BUS	
PIN 1 = NOT USED	
PIN 2 = NOT USED	
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PIN 4 = NOT USED	
PIN 5 = K-LINE	
PIN 6 = CAN2-L	
PIN 7 = CAN2-H	
PIN 8 = GND	
PIN 9 = CAN1- L	
PIN 10 = CAN1- H	

E Connector J30 Can bus	
1 GND	
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3 +10V to + 24V External Power Supply	
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16 Analog input 2	
17 Power out 4 – Solid state relay 1A	
18 Power out 1 – Solid state relay 1A	
19 Power out 3 – Solid state relay 1A	
20 Power out 2 – Solid state relay 1A	

B Connector AITP COM 1	
PIN 1 = ANDROID AUDIO IN -	
PIN 2 = ANDROID AUDIO IN +	
PIN 3 = ANDROID AUDIO OUT -	
PIN 4 = ANDROID AUDIO OUT +	
PIN 5 = AUX 1	
PIN 6 = AUX 2	
PIN 7 = GND AITP COM 1	
PIN 8 = RX COM 1 AITP UART 4	
PIN 9 = TX COM 1 AITP UART 4	
PIN 10 = +12V/ +5V by JUMPER	

D Connector COM Ports	
PIN 1 = +12V/+5V	
PIN 2 = RX COM2	
PIN 3 = TX COM2	
PIN 4 = GND	
PIN 5 = ANDROID DEBUG SERIAL TX	
PIN 6 = ANDROID DEBUG SERIAL RX	
PIN 7 = GND	
PIN 8 = RX COM1	
PIN 9 = TX COM1	
PIN 10 = +12V/+5V	

F Connector USB HOST	
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G Connector ETHERNET LAN	
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H Connector GPS	
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I Connector 4G LTE	
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L Connector VIDEO OUT	
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**SMART
BOX**

**SMART
BOX PRO**

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