

# School Bus MDT



## School Bus Tracker



- Monitor Children in Bus
- External RFID Reader
- Panic Button (Optional)

This device is designed to track school bus and children present in school bus. With an external RFID Reader placed close to the door, entry & exit of children from the bus are recorded with RFID Reader.

Two way communication between server and device facilitates display of messages pertaining to each bus stop (ex. List of children to be picked up/dropped at current stop), Name of bus stop, Trip information for drivers.

Data sent to server instantly for further analysis, SMS/email alert to parents.

Specifications	IP Track
<b>CPU</b>	ARM7 / Cortex 32 bit
<b>RTC, Memory</b>	RTC, 16Mb / 32 Mb Dataflash
<b>Display</b>	2.8" TFT
<b>GSM</b>	Quad band, Multi-slot Class 10
<b>GPS Receiver</b>	L1, 1575.42 MHz ; C/A Code, Without aid: 3.0 m (50% CEP)
<b>Antenna</b>	GSM Internal, GPS Internal or External
<b>Input Voltage</b>	12V to 24V
<b>PC Connection with</b>	Micro USB
<b>Input</b>	Switch Input (Optional)
<b>USB Device</b>	Board Configurable as Host
<b>Dimensions (L x H x D)</b>	180 mm x 100 mm x 45 mm
<b>Connectors Used</b>	Amphenol for rugged use
<b>Additional Interface</b>	Camera Interface (Optional)