

ATrack AK11 Installation Guide

when you open the package, verify that you received the following:

* AK11 Device * 1



* I/O Cable * 1



1 Wiring Summary for Standard Tracking

Wiring:

Main Power – **RED** and **BLACK** wires (PIN 13 and PIN 14)

Connect to a direct and constant power supply.

NOTE: If the vehicle has an isolator, please run the connection before the isolator so that it does not interfere with the main power of the unit when the engine is OFF.

Ignition – **YELLOW** wire (PIN 1)

Connect to ignition.

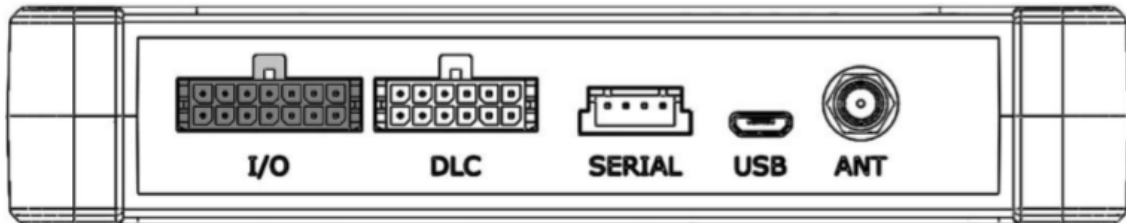
Pins 3-12 – Various Coloured wires

Do not connect unless instructed otherwise. Wires for use with other inputs/outputs.

Location:

- Install the unit inside hidden areas of the dashboard or behind the glovebox.
- Where possible, place the unit with LED lights facing OUT.
- The GPS signal will not travel through metals – Avoid placing the unit under closed metal surfaces. *The GPS signal will travel through NON ferrous materials. EG: Glass, Plastics*

2 Power I/O Pin Assignment



Pin1 Yellow	Pin3 Purple	Pin5 Pink	Pin7 White	Pin9 Dark Brown	Pin11 Light Blue	Pin13 Red
Pin2 Dark Green	Pin4 Blue	Pin6 Light Brown	Pin8 Orange	Pin10 Gray	Pin12 Green	Pin14 Black

The following table describes the function of each bare wire.

Power I/O Connector				
Pin#	Function	Color	Designation	Note
1	ACC Input	Yellow	ACC	Ignition status positive trigger input
2	General Input1	Dark Green	IN1	Positive trigger input
3	General Input2	Purple	IN2	Negative trigger input
4	General Input3	Blue	IN3	Negative trigger input
5**	General Input4 (Default) General Output5 Analog Input1	Pink	IN4/O5/A1	Positive trigger input Open collector output (Max.300mA) Analog input (DC0V~40V)
6	General Input5	Light Brown	IN5	Negative trigger input
7**	General Input6 General Output1 (Default)	White	IN6/O1	Negative trigger input Open collector output (Max.300mA)
8**	General Input7 General Output2 (Default) Analog Input2	Orange	IN7/O2/A2	Positive trigger input Open collector output (Max.300mA) Analog input (DC0V~40V)
9	General Output3	Dark Brown	O3	Open collector output (Max.300mA)
10**	General Input8 General Output4 (Default)	Gray	IN8/O4	Negative trigger input Open collector output (Max.300mA)
11	Analog Input3	Light Blue	A3	Analog input (DC0V~5V)
12	1-Wire Protocol Input	Green	1W	1-Wire Data Input
13	Main power input	Red	PWR	DC 8V~40V DC input
14	Common ground	Black	GND	Ground