



## Expandability

# Expansion modules connection

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### Question:

How can I connect more expansion modules to my AiM device if the "CAN/EXP" cable (or EXP port on EVO4s) is already busy?

### Answer:

All AiM devices providing expandability, are supplied with one CAN EXP port which can be connected to **one or more DataHubs** to build up a network of expansion modules. DataHub is in fact an AiM CAN ports multiplier.

Available DataHub versions are:

- Two ways Data Hub with 40 cm cable (**P.N.: X08HB2GK0**)
- Four ways Data Hub with 40 cm cable (**P.N.: X08HUB010**)
- Four ways Data Hub with 150 cm cable (**P.N.: X08HUB150**)

The two ways DataHub has two ports for AiM expansions, and is supplied with an external power cable 12V, useful to power devices with internal batteries (MyChron5, Solo2DL, MyChron4, SoloDL) or provide additional boost to large networks.

The four ways DataHub has four ports to connect as many AiM expansions or DataHubs. It can be supplied with additional power using the proper cable (**P.N. V02557020**) connected to one of the available ports.

### N.B.:

- **Data Hub is built for AiM expansion modules connection, NOT for sensors connection.**
- **Data Hub does not require a configuration on Race Studio 3 software**
- **More Data Hub units can be connected in series**



## Expandability

Data Hub can manage the following expansion modules, provided that the main logger is compatible with these expansion modules:

- Channel Expansion
- MyChron Expansion
- GPS05
- LCU-One Lambda Controller
- MemoryKey
- Memory Module
- Data Key
- SmartyCam
- AiM Steering Wheels
- AiM displays
- Remote Buttons Interface
- IR Tyre Temp controller

Since September 2017 the main harnesses supplied for the series MXx 1.2 and EVO5 (Harness with Deutsch connector 37 pins AiM – **P.N.: 04.573.01**) are equipped with a second access port labeled "GPS" to connect the GPS module supplied with the AiM device. This allows to have an available port labeled "CAN EXP" for any further AiM expansion module.

For all devices built prior to this date, a DataHub is necessary whenever an additional AiM Expansion module is being added other than the supplied GPS module already plugged in.

For further details about Data Hub technical specifications, visit the Download -> Documentation (Data Hub) section of our website [www.aim-sportline.com](http://www.aim-sportline.com).