

# easyBox & easyCable

Next Generation Active Optical Tracking Systems  
designed for Researchers and Developers



## KEY SPECIFICATIONS

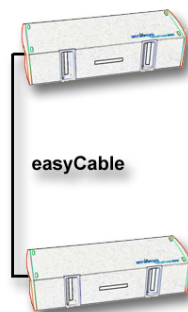
<b>Size</b>	160 x 80 x 50 mm	<b>Jacks for easyCable</b>	3
<b>Power</b>	Not required, powered by easyTrack	<b>Markers (4 LEDs each)</b>	4 jacks for 9-pin markers 4 jacks for 10-pin markers

The easyBox is designed to extend the number of active markers beyond the four onboard markers (9-pin) that are provided on the easyTrack. An additional four 9-pin markers (i.e. Pointer, Boomerang, Boomerang XL and In-line, as well as other manufacturers) and four 10-pin markers (other manufacturers) can be connected via the easyBox.

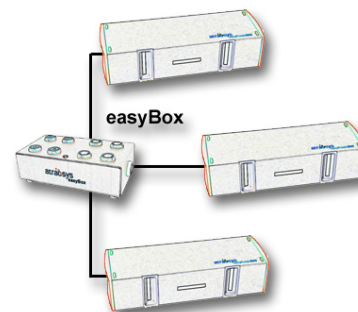
The easyBox and easyCable also allow you to interconnect up to three easyTracks for complex projects that require increased spatial volume and flexibility.

For example, the following configurations can be achieved:

- Connect two easyTrack devices using the 2.9m long easyCable (Figure 1). The markers of both devices are shared and data acquisition is synchronized.
- Connect up to 3 easyTrack devices or add 8 additional markers with the easyBox (Figure 2). In this case, the performance of your system is improved in terms of flexibility, spatial volume, precision, and reduction of possible occlusions.
- The extension bus can be used for your own application (i.e. specific complex markers, synchronization with other devices, etc.). Please contact the Atracsys team for more information.



**Figure1:** Example of two easyTracks interconnected with an easyCable



**Figure2:** Example of three easyTracks interconnected with an easyBox

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