Tech Tip: Reverse Module Functionality

In some specific applications or system builds, using VPC modules in reverse functionality can be helpful. Reverse functionality is defined as using a receiver module in an ITA frame and vice versa. This functionality is only available with a few products and with one exception, only possible with iCon series modules. It is crucial that when using modules in a reverse configuration that contacts remain in the matching module, for example, ITA contacts with an ITA module. To prevent damage to any part of your system, please consult a VPC Engineer for any troubleshooting assistance or questions before proceeding.

Products that are reverse module compatible

Modules in the i1 are able to be used with reverse functionality in both the standard i1 ITA and receiver.

i1		
ITA/RCV	Accepts ITA Module	Accepts RCV Module
Standard ITA 410128101	X	X
XL ITA 410128106	X	X
Standard RCV 310128101	X	X

iDock

iDock D1 ITAs and Receivers are reverse module compatible. For more specific details, consult VPC's D1 user manual.

The iDock D3/D4 ITA and Receivers also have reverse module functionality. iSeries modules are reversible without any additional modification.

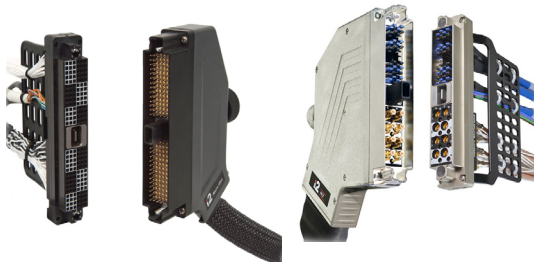
90 Series modules require re-orientation of the ITA engagement pins. For specific details, consult VPC's D3/D4 user manual.

Both ITA and RCV modules in the iCon ITA, can be used with reverse functionality. Reverse module functionality in the iCon Receiver requires a special model, p/n 310123103.

iCon		
ITA/RCV	Accepts ITA Module	Accepts RCV Module
Standard ITA 410123101	X	X
XL ITA 410123232	X	X
Standard RCV 310123101		X
*Reverse RCV 310123103	X	X

Non- reverse module compatible products

The i2 Micro iCon and the i2 MX do not support reverse module functionality. The keying feature on each prevents this functionality by preventing non-standard mating.



With the exception of use in the iDock D3/D4 mated pair, 90 series modules are not compatible for reverse module functionality applications.