

IMRIO02

INFI 90 Remote I/O Module

The ABB/Bailey IMRIO02 is a remote I/O communications module used with a Multi-Function Processor to communicate with remotely located slave modules in an INFI 90 control system.

Manufacturer	ABB / Elsasg Bailey
Complete model	IMRIO02
Product description	INFI 90 Remote I/O Module
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Three interface paths, one controlled configuration.

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IMRIO02

1. Product overview and identity

The ABB/Bailey IMRIO02 is a remote I/O communications module used with a Multi-Function Processor to communicate with remotely located slave modules in an INFI 90 control system.

System function

It carries remote I/O communications between the controlling MFP and remote slave-module locations. The module occupies one module-mounting-unit slot and works with the applicable remote-link termination hardware. Actual discrete or analog field signals are processed by the remote slave I/O modules, not by the IMRIO02 itself.

Verified technical information

Parameter	Verified value
Module type	Remote I/O communications module
System family	INFI 90 / Symphony Harmony installed base
Controller companions	IMMFP01, IMMFP02 or IMMFP03
Mounting	One module mounting unit slot
Primary function	Communication with remotely located slave modules
Direct field channels	Defined by the remote slave modules
Upgrade context	ABB documents an IMRIO22/H-Net upgrade kit

2. Integration and verification

Signals and data handled

Remote I/O communications link data; field signal types are determined by the connected slave modules.

Companion components

IMMFP01, IMMFP02 or IMMFP03 Multi-Function Processor; remote slave I/O modules; matching termination and cabling hardware.

Common industrial applications

Distributed process I/O where field modules are located remotely from the main INFI 90 Process Control Unit.

Product precautions

- An IMRIO22/H-Net modernization is a system change; follow the ABB kit prerequisites and engineering procedure rather than treating it as an undocumented drop-in swap.
- Record the complete remote-link topology, termination hardware and MFP configuration before replacement.
- Verify communications and every affected remote I/O point before returning the system to service.

Manufacturer source PDFs

Manufacturer document	Direct PDF
ABB Harmony Remote I/O Module Upgrade Kit	Open PDF in a new window

Only information traceable to the cited ABB/Elsag Bailey documents is stated. Missing values are intentionally not inferred. Confirm the complete nameplate, revision, approvals, wiring and current manufacturer instructions before installation or replacement.