

L-HOB Device Selector

L-IOB I/O Modules & Controllers

L-IOB I/O Modules

The L-IOB I/O Module family of products consists of intelligent input/output devices featuring various I/O configurations. Based on LOYTEC's 32-bit L-CORE platform, the L-IOB I/O Modules provide first class performance for a wide area of applications.

Plug and play installation

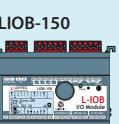
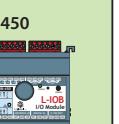
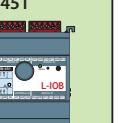
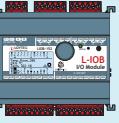
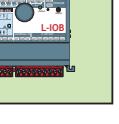
The L-IOB I/O Modules can be used as I/O extensions for L-INX Automation Servers, L-ROC Room Controllers, L-IOB I/O Controllers. The connection is done via gold-plated contacts on the side (LIOB-Connect), twisted pair (LIOB-FT), or Ethernet/IP (LIOB-IP), depending on the L-IOB model.

LonMark Models

The LIOB-15x I/O Modules and LIOB-45x I/O Modules are LonMark certified I/O nodes which communicate in the LonMark system via network variables over TP/FT-10 or Ethernet/IP-852 respectively.

BACnet/IP Models

The LIOB-55x/56x I/O Modules adhere to the BACnet Building Controller Profile (B-BC) and communicate over Ethernet/IP in the BACnet/IP or BACnet/SC network. The I/O data points can either be exposed through BACnet server objects or actively fetched from a BACnet server via BACnet client maps on the L-IOB I/O Modules.

L-IOB I/O Modules			
LIOB-Connect LIOB-100 8 UI 2 DI 2 AO 9 DO 	LonMark TP/FT-10 LIOB-150 8 UI 2 DI 2 AO 8 DO 	LonMark IP-852 LIOB-450 8 UI 2 DI 2 AO 8 DO 	BACnet/IP LIOB-550 8 UI 2 DI 2 AO 8 DO 
LIOB-101 8 UI 16 DI 	LIOB-151 8 UI 12 DI 	LIOB-451 8 UI 12 DI 	LIOB-551 8 UI 12 DI 
LIOB-102 6 UI 6 AO 8 DO 	LIOB-152 6 UI 6 AO 8 DO 	LIOB-452 6 UI 6 AO 8 DO 	LIOB-552 6 UI 6 AO 8 DO 
LIOB-103 6 UI 6 AO 5 DO 	LIOB-153 6 UI 6 AO 5 DO 	LIOB-453 6 UI 6 AO 5 DO 	LIOB-553 6 UI 6 AO 5 DO 
LIOB-110 20 IO 	LIOB-154 7 UI 4 AO 7 DO PRESS 	LIOB-454 7 UI 4 AO 7 DO PRESS 	LIOB-554 7 UI 4 AO 7 DO PRESS 
LIOB-112 40 IO 			LIOB-560 20 IO 
LIOB-A2/A4/A5 			LIOB-562 40 IO 

L-IOB I/O Controllers

The L-IOB I/O Controller family of products consists of programmable controllers featuring various I/O configurations. Based on LOYTEC's new powerful A64 (64-bit architecture) quad-core CPU platform, the L-IOB I/O Controllers provide first class performance for a wide area of applications.

Programmable

The built-in PLC functionality makes the L-IOB I/O Controllers a good fit for various control applications in building automation. Like the L-INX Automation Servers, the L-IOB I/O Controllers can be programmed with L-STUDIO in IEC 61131 or IEC 61499. The same application libraries and application programs can be used on L-INX or L-IOB Controller devices. For details please check the L-STUDIO section in the [LOYTEC catalog](#). L-IOB I/O controllers also offer JavaScript programming in Node.js via an add-on license purchase.

LonMark

LIOB-585/586/587/588/589 and LIOB-59x communicate in the LonMark system via network variables over Ethernet/IP-852. They come with a freely configurable network variable interface and offer up to 256 address table entries.

BACnet/IP

The LIOB-58x/59x I/O Controllers adhere to the BACnet Building Controller Profile (B-BC) and communicate over Ethernet/IP in the BACnet/IP or BACnet/SC network. The I/O data points can either be exposed through BACnet server objects or actively fetched from a BACnet server via BACnet client maps on the L-IOB I/O Controllers.

