

Ethernet/IP Gateway

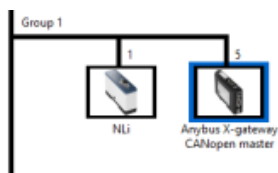


In order to control the integrated drive motor with Ethernet/IP Master PLC, it is possible to use a standard Gateway solution.

The NLI motor must be updated with the Extended PDO Firmware. Please contact NiLAB for the right firmware.

HMS X-gateway - CANopen Master - EtherNet/IP Adapter configuration

Starting configuration file for 1 axis: [integrated_drive_motors:pdo_fixed_cobids_hms.zip](#)



Device Type	Manager
Manager Settings	
Download NMT Startup Config	<input checked="" type="checkbox"/>
Device is NMT master	<input checked="" type="checkbox"/>
Start all remote nodes	<input checked="" type="checkbox"/>
Application will decide when to switch to operational	<input type="checkbox"/>
Master shall not start the slaves	<input type="checkbox"/>
Reset all remote nodes	<input type="checkbox"/>
Node is flying master	<input type="checkbox"/>
Stop all remote nodes	<input type="checkbox"/>
Download Concise DCF to the manager	<input checked="" type="checkbox"/>
Network Boot Time	
Boot Time (ms)	0
Heartbeat	
Producer Interval (ms)	0
Consuming Node ID/Time Out (ms)	
SYNC	
SYNC Producer	Enabled
COB-ID SYNC Messages	0x80
Cycle Period (µs)	4000
Synchronous Window Length (µs)	3000
PDO Settings	
Receive PDO 1	
PDO Communication	
Lock COB-ID	<input type="checkbox"/>
Valid	<input checked="" type="checkbox"/>
COB-ID	0x181
Transmission Type	Async, Device Profile (255)
No. of SYNCs	
PDO Mapping	
Lock Mapping	<input type="checkbox"/>
Bit Pos.	Mapped objects
0	Receive Word 2 [2110,02]
16	Receive Word 1 [2110,01]
32	Receive Word 3 [2110,03]

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