



CANopen Master API

Item number: 1.12.0132.00010

The CANopen® Master API is a software package targeted at rapid development of CANopen master applications on a PC using Windows. This version provides 10 run-time licenses.

*Enabling the development of CANopen Master applications
(10 licenses)*

Features and benefits

- ✓ **Unlimited data length of service data objects**
Transmit and receive service data objects (SDO) of any size for robust data management.
- ✓ **Emergency message reception**
Capable of receiving emergency messages, ensuring prompt fault detection
- ✓ **Network management Master functions**
Offers slave control and monitoring for reliable network management (NMT).
- ✓ **Efficient configuration file processing**
Processes EDS/DCF and CDC files for easy device configuration
- ✓ **Immediate data access**
Provides direct processing of remote CANopen device data, reducing latency
- ✓ **Hardware compatibility**
Compatible with all Ixxat CAN interfaces, supporting multiple boards and channels.
- ✓ **Versatile handling of process data objects**
Transmit and receive process data objects (PDO) synchronously or asynchronously for flexible process syncing.
- ✓ **Synchronization object message support**
Supports enhanced synchronization object (SYNC) functionality for precise network synchronization
- ✓ **Layer setting services fastscan**
Includes layer setting services (LSS) master functions with fastscan for efficient node identification.
- ✓ **Streamlined firmware**
The master firmware manages CANopen communication, freeing PC resources.
- ✓ **Cross-platform development**
Comes with example programs for various languages including C#, C++, and LabVIEW.



Identification and Status

Product ID	1.12.0132.00010
Country of Origin	Sweden
HS Code	Not Applicable
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Contains Battery	No
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Certifications and Standards

ETIM Classification	EC000757
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