

Advantech SE Technical Share Document

Date	2019 /11 /12		Related Product	CODESYS
Category	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP <input type="checkbox"/> Driver Tech Note			
Abstract	Trouble shooting about connection between CODESYS and EtherCAT devices			
Keyword	motion control, resolution			
Related OS	N/A			
Revision History				
Date	Version	Author	Reviewer	Description
2019/11/12	V1.0	Owen.Chang	Nick.Liu	CODESYS 3.5.15

■ **Problem Description & Architecture:**

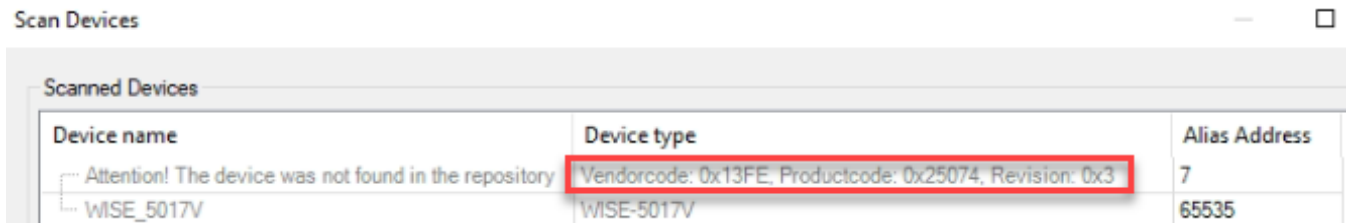
CODESYS Support EtherCAT master which could control EtherCAT slave by the ESD files. However, sometimes CODESYS could scan device but couldn't find the right EDS file to map it. This FAQ shows you how to check this problem and find the right EDS file.

■ **Brief Solution - Step by Step:**

After scanning device, every EtherCAT device will feedback the following information to let CODESYS mapping the ESD device information in device repository. Threes information need to be identical as the ESD file.

- VendorCode
- ProductCode
- RevisionNo

If CODESYS could not find proper ESD file, it will show the following picture to tell the device what ESD file is correct for this device.



You could provide this information to the EtherCAT Slave device vendor to get the correct ESD files.