

ECAT-2016N Quick Start

v1.0, Nov. 2019

What's in the box?



1 Connecting the Power and Host PC

Switch on module and connect it to an EtherCAT network
NOTE: Attaching an ESC directly to an office network will result in network
flooding, since the ESC will reflect any frame – especially broadcast frames –
back into the network (broadcast storm).



2 Search Modules

ESI file

The latest ESI file (ICPDAS ECAT-2016.xml) can be

downloaded from ICP DAS website at

http://ftp.icpdas.com/pub/cd/fieldbus_cd/ethercat/slave/ecat-2000/software/

Install the ESI file

Copy the "**ICPDAS ECAT-2016.xml**" file to the Master Tools installation folder, as indicated in the table below.

Software	Default Path
Beckhoff EtherCAT Configuration	C:\EtherCAT Configurator\EtherCAT
Beckhoff TwinCAT 3.X	C:\TwinCAT\3.x\Config\Io\EtherCAT
Beckhoff TwinCAT 2.X	<u>C:\TwinCAT\Io\EtherCAT</u>

Run the EtherCAT Master software (Beckhoff TwinCAT 2.X)

Switch on power and execute the TwinCAT System Manager (Config mode)







Wiring the AIO (Analog Input type default is Differential input)



🔷 Value

1. Click "AIO" in the left-hand window.

0x0D2E <1.030>

2. In the right-hand window, check the

voltage value in the "Value" item.

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Related Information

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🖃 🎼 I/O Devices

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🚊 💳 Device 3 (EtherCAT) Device 3-Image

> 😂 Inputs 🜒 Outputs

> > InfoData

IN TS

🛓 Device 3-Image-Info

EtherCAT Series Product Page:

Pow 1 /ECAT-2011H 16S.E./8Diff Ch. Ana.)

http://www.icpdas.com/root/product/solutions/industrial_communication/fieldb us/ethercat/ethercat_selection_guide.html

Documentation & Software:

http://ftp.icpdas.com/pub/cd/fieldbus cd/ethercat/slave/ecat-2000/