

C# v2012 ISDK Native Mode Client

THIS COGNEX SOFTWARE CONTAINS CERTAIN COMPUTER PROGRAMS AND OTHER PROPRIETARY MATERIAL OF COGNEX AND/OR ITS LICENSORS, THE USE OF WHICH IS SUBJECT TO THE SOFTWARE LICENSE AGREEMENT (THE "AGREEMENT") THAT ACCOMPANIED THIS DELIVERY. YOU AGREE TO BE BOUND BY THE TERMS OF THE AGREEMENT BY INSTALLING OR OTHERWISE USING THE COGNEX SOFTWARE. DO NOT PROCEED WITH THE INSTALLATION OF THE COGNEX SOFTWARE UNTIL YOU HAVE READ THE AGREEMENT AND AGREE TO BE BOUND BY AND BECOME A PARTY TO THE AGREEMENT. IF YOU DO NOT AGREE TO THE AGREEMENT TERMS, DO NOT INSTALL, USE OR COPY THE COGNEX SOFTWARE, AS YOU ARE NOT AUTHORIZED TO DO SO.

Overview

This sample illustrates using the `CvsNativeModeClient` in a C# .NET application.

In-Sight SDK Requirements

Before running this sample, please consult the In-Sight SDK Release Notes (installed with this product) for details on Operating System, Hardware, and Software requirements to verify that your target system supports the In-Sight SDK 5.7.0.

The In-Sight SDK Release Notes can be accessed from the Start Menu as follows:

Programs > Cognex > In-Sight > In-Sight SDK 5.7.0

Using the Sample

1. Launch Visual Studio .NET.
2. Open the solution file: `ISDK Native Mode Client.sln`
3. Run the project by pressing **F5**.
4. Choose an In-Sight sensor or emulator from the In-Sight Network tree.
5. Enter a valid **Username** and **Password** for the selected device.
6. Click the **Connect** button.
7. Upon successful connection, the In-Sight Files pane will populate.
8. In the Command text box, enter a Native Mode command.

For example: `EV GetNetwork()`

9. Click the **Send Command** button.
10. Observe the **Response** output.

Notes:

- Before connecting to your local emulator ([127.0.0.1](#)), verify that In-Sight Explorer is running.
- For a comprehensive reference of EV commands, consult the In-Sight Explorer help file.