

# Tools for the Development of Ethernet/IP explicit Modules

## 1. Scanner tool

### A. Ethernet/IP Explorer

Available directly on Windows.

Support for explicit & implicit messaging.

For implicit, the eds file is disabled.

URL Link : <https://sourceforge.net/projects/enipexplorer/>

### B. EIPScanner

Ethernet/IP Scanner based on C++

URL Link : <https://github.com/nimbuscontrols/EIPScanner>

### C. LS PLC

Power : XGP-ACF2

CPU : XGK-CPUE

Ethernet module : XGL-EFMTB

Support for explicit & implicit messaging.

LS PLC Program Download Link :

<https://www.ls-electric.com/ko/product/view/P01115>

LS PLC YouTube Example Link

1) setting : <https://www.youtube.com/watch?v=cN-nCajz2t0>

2) implicit : <https://www.youtube.com/watch?v=ZdcwOIOL2xc>

3) explicit : <https://www.youtube.com/watch?v=iyZFZ7GbGCK>

## 2. Adaptor tool

### A. OpENer

Support for explicit & implicit messaging

For questions, check the 'Issues' tab at the link below and ask additional questions.

URL Link : <https://github.com/EIPStackGroup/OpENer>