

PISO-DNM100U FAQ

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Q1: What is the meaning of the Explicit_EPR in the AddDevice() function? (2017/11/07, Johney)

Ans:

It is the "Expected Packet Rate". This means that the timeout value when the slave device does not response. There are various slave devices which have different performance. We suggest that the user set the value of 2500 which is the default value of the DeviceNet spec.

Q2: Does the PISO-DNM100U support loading the EDS file function? (2017/12/02, Johney)

Ans:

There is another method which works like loading the EDS file.

By using the DNM_Utility, the user could add slave devices one by one in the first PISO-DNM100U. The setting information will always be saved in the module, even the module was moved to another PC.

After adding all slave devices, the users are able to "Export the setting" from the PISO-DNM100U.

By using the "Export" button in the DNM_Utility, the setting of the PISO-DNM100U will be save in a file (*.EEP). The "Export" button was shown In the ch 3.1.11 of the DNM_Utility manual which is "DeviceNet Master Utility User Manual.pdf".



The file (*.EEP) could be viewed as the EDS file of the PISO-DNM100U. The users can "Import the file" into another PISO-DNM100U by the DNM_Utility. The "Import" button was shown in the ch3.1.12 of the DNM_Utility manual which is "DeviceNet Master Utility User Manual.pdf".



The configured PISO-DNM100U has all the slaves' information. The users just make the PISO-DNM100U to start working in the Labview and no need to add the slave devices again.

Q3: Does the PISO-DNM100U could only work with Explicit Message connection? (2017/12/16, Johney)

Ans:

Yes. The firmware version v1.6 or newer could support this methodology.

After added slave devices, you need to call PISODNM_StartAllDevice API. It will make the PISO-DNM100U to communicate with all slave devices. The user could follow the flow char in the manual. Here is the example in page 39.

