PCM-26D1DB PCM-26R2EC PCM-26R2EI PCM-26R2S3 PCM-26R2PN PCM-26R2PL

1-Port Hilscher netX100 FieldBus mPCle, PROFIBUS, DB9
2-Port Hilscher netX100 FieldBus mPCle, EtherCAT, RJ45
2-Port Hilscher netX100 FieldBus mPCle, EtherNet/IP, RJ45
2-Port Hilscher netX100 FieldBus mPCle, Sercos III, RJ45
2-Port Hilscher netX100 FieldBus mPCle, PROFINET, RJ45
2-Port Hilscher netX100 FieldBus mPCle, POWERLINK, RJ45

This manual provides the brief steps of firmware installation. For more support documentation refer to the DVD which included in the package from Hilscher.

1. Hardware Installation

- a. Before beginning installation take the necessary safety precautions.
- b. Open the cabinet of the PC or the connecting device.
- c. Plug in and mount the cifx card.
- d. Close the cabinet
- e. Connect power to the PC or connecting device and switch it on.

2. Driver and Software Installation

Enter the Communication Solutions DVD in the PC and follow to the instructions of the installation wizard, to install the driver.

2.1 cifX Driver Installation

Click Install cifX / netJACK Device Driver

2.2 SYCON.net Installation

 Run SYCON.net-Setup and follow the instructions of the installation wizard.

Communication Solutions

| Installation Guide Install SYCON net Configuration Software Documentation Drivers, Software and Tools Install USB Driver Install USB Driver Driver Toolist for Developer Install Siave Configuration Software Auxiliary Tools | |
|---|-----------------------------------|
| CONOPON CC-Link composed | DeviceNet >> EtherCAT EtherNet/P> |



| Notes | |
|--|-------------|
| For more information on this and other Advantech | |
| products, visit our websites at: | |
| http://www.advantech.com | |
| http://www.advantech.com/eAutomation | |
| For technical support and service: | |
| http://www.advantech.com.tw/eservice | |
| This manual is for PCM-26XXXX | |
| Part No: 2003P20010 | 1st Edition |
| | April 2015 |

1 Startup Manual

3. Firmware Installation

Download Firmware and Configuration Use the corresponding Master DTM in the configuration software SYCON.net

3.1 Configuring Master using SYCON.net

• Run SYCON.net and set the user password at the first-time login.



3.2 Configuring cifX (Master)

- a. Configure the PC card cifX (Master)
- b. Double-click the icon



- a. Click "Driver"
- b. Select "CIFX Device Driver" and "netXDriver"
- c. Click "Apply"



3.4 Selecting "Device Assignment"

- a. Click "Device Assignment".
- b. Click "Scan"
- c. Select Device "CIFX 90E-R..."
- d. Click "Apply".



3.5 Firmware Download

- a. Click "Firmware Download"
- b. Click "Browse" (Disk:\Firmware\CIFX)
- c. Select Firmware File.

| IO Device: CIFX R Vendor: Hilsche | IO Device: CIFX REJECM Vendor: Hilscher GmbH | | | Device ID: 0x00 Vendor ID: 0x00 | 000 044 | FOT | |
|--------------------------------------|---|-----------------|-------------------------------------|------------------------------------|------------|----------------|------|
| wigation Area | | | Firmwa | re Download | | D. | |
| Settings | Name: | | | | | Browse | |
| hetX Driver | Select Firmwa | re File | | | | | |
| vevice assignment | - | - | | _ | | | |
| 🛶 Firmware Download | Look in: | CIFX | • | ÷ 🗈 | | | |
| Licensing | C. | Name | * | Firmware | Hardware | Version | |
| General | ~ | cifX2dps.nxf | | PROFIBUS-DP Slave \ PROFIBUS | CIFX | 1.0 (build 3) | |
| Process Data Handshal | Necent Places | cifxccs.nxf | | CC-Link Slave | CIFX | 2.11 (build 2) | |
| Topology | | cifxcom.nxf | | CANopen Master | CIFX | 2.11 (build 3) | |
| Tree View | Desktop | cifxcos.rxf | | CANopen Slave | CIFX | 3.6 (build 4) | |
| Connection View | 100 | cifxdnm.nxf | | DeviceNet Master | CIFX | 2.3 (build 17) | |
| MailBox | | cifxdns.nxf | | DeviceNet Slave | CIFX | 2.3 (build 23) | |
| EMAIL (Supelifier | Loranes | cifxdpm.nxf | | PROFIBUS-DP Master | CIFX | 2.6 (build 13) | |
| Process Data | | cifXdps.rof | | PROFIBUS-DP Slave | CIFX | 2.7 (build 2) | |
| Address Table | Computer | cifxecm.nxf | | EtherCAT Master | CIFX | 3.0 (build 9) | |
| Init Commands | | cifxecs.nxf | | EtherCAT Slave | CIFX | 2.5 (build 34) | |
| | N | cifxeim.nxf | | EtherNet/IP Scanner | CIFX | 2.6 (build 7) | |
| | Network | cifxeis.nxf | | EtherNet/IP Adapter | CIFX | 2.7 (build 13) | |
| | | cifxmpi.nxf | | PROFIBUS-MPI Messaging | CIFX | 2.4 (build 2) | |
| | | cifxomb.nxf | | Open Modbus/TCP Messaging | CIFX | 2.5 (build 11) | |
| | | cifxpls.rof | | POWERLINK Controlled Node | CIFX | 2.1 (build 39) | |
| | | cifXpnm.nxf | | PROFINET-IO IO Controller | CIFX | 2.6 (build 10) | |
| | | cifxpns.nxf | | PROFINET-IO IO Device | CIFX | 3.4 (build 44) | |
| | | Flanama | ritrarm | | AIFO | - | One |
| | | Files of type: | Emware Eles (* ovf * rum) | | | | Cane |
| | | Recent folders: | E-Virmware/CIEV | | | | Hel |
| | | Einen | Ether CAT Masker V2 0 Gould 0) for | CTEV | | | |
| | | rinnvare: | Culercian master V3.0 (build 9) for | CIPX | | | _ |

d. Click "Download"



Startup Manual 2