NE05E Configuration Help

1. **Please select the target version(If you select expansion, then the version means the delivery version after expansion)**

    1.If you select expansion, then the version means the delivery version after expansion.
    2.Please confirm the corresponding iManager version is correct when you select the version:
    V200R005C00:the corresponding iManager U2000 version is V200R014C60 or later.the corresponding eSight version is V300R003C00 or later.
    V200R005C10:the corresponding iManager U2000 version is V200R015C50 or later.the corresponding eSight version is V300R003C10 or later.
    V200R006C00:the corresponding iManager U2000 version is V200R015C60 or later.the corresponding eSight version is V300R005C00 or later.
    V200R006C10:the corresponding iManager U2000 version is V200R016C50 or later.the corresponding eSight version is V300R006C00 or later.
    V200R006C20:the corresponding iManager U2000 version is V200R016C60 or later.the corresponding eSight version is V300R007C00 or later.
    V300R002C00:the corresponding iManager U2000 version is V200R016C60 or later.the corresponding eSight version is V300R007C00 or later.
    V300R002C10:the corresponding iManager U2000 version is V200R017C50 or later.the corresponding eSight version is V300R007C00 or later.
    V300R003C00:the corresponding iManager U2000 version is V200R017C60 or later.the corresponding eSight version is V300R008C00 or later.
    V300R003C10:the corresponding iManager U2000 version is V200R018C50 or later.the corresponding eSight version is V300R009C00 or later.
    V300R005C00:the corresponding iManager U2000 version is V200R018C60 or later.the corresponding eSight version is V300R009C00 or later.

2. **Please select model of product**

    NE05E-SJ&SL&SK&SM:switching capacity(NE05E-SJ&SL&SK:9Mpps,NE05E-SM:6Mpps),support 1588v2,support ethernet synchronization clock
    NE05E-S2:switching capacity(18Mpps),support 1588v2,ACR,E1/T1 clock,support ethernet synchronization clock
    NE05E-SG&SH&SI&SN:switching capacity(18Mpps),support 1588v2,support ethernet synchronization clock
    NE05E-SE&SF:switching capacity(37Mpps),support 1588v2,support ethernet synchronization clock
    NE05E-SQ:switching capacity(102Mpps),support 1588v2,support ethernet synchronization clock

NE05E-SR:switching capacity(9Mpps),support 1588v2,support ethernet synchronization clock

3. **Please select the type of equipment(Indoor or Outdoor)**

NE05E-SL, NE05E-SM is an outdoor model

4. **Need Basic Software CD or not**

The basic software has been loaded on the equipment,and can be downloaded from http://support.huawei.com.The CD is not delivered by default. If the CD is required by customer,please choose 'YES'.

5. **===Basic Configuration===**

   o 5.1 **Please select the type of system**

NE05E-SJ&SL&SK&SM:switching capacity(NE05E-SJ&SL&SK:9Mpps,NE05E-SM:6Mpps),support 1588v2,support ethernet synchronization clock
NE05E-S2:switching capacity(18Mpps),support 1588v2,ACR,E1/T1 clock,support ethernet synchronization clock
NE05E-SG&SH&SI&SN:switching capacity(18Mpps),support 1588v2,support ethernet synchronization clock
NE05E-SE&SF:switching capacity(37Mpps),support 1588v2,support ethernet synchronization clock
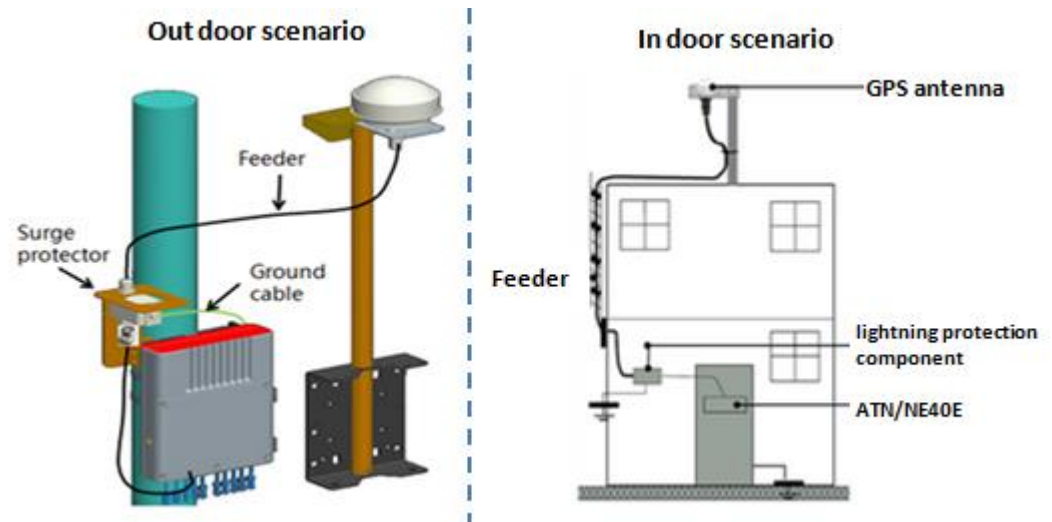NE05E-SQ:switching capacity(102Mpps),support 1588v2,support ethernet synchronization clock

NE05E Slot distribution

   o 5.2 **Need Atom GPS or not**

The installation wizard, see the right accessories material

GPS

- 5.3 **Need Network Box or not**

1.The Network Box is used in bad conditions such as corridor or underground room to protect NE05E, and only one host can be placed in a Network Box. Try best to lead the customer to purchase the Network Box after consulting the installation conditions and installation manner in the NE05E Installation Manual.
2.ETSI mounting ear needs to be configured in addition when the equipment mounted in ETSI cabinet.

- 5.4 **Please select the type of Installation Parts**

1. The installation parts for the scene "ETSI cabinet" and "on the wall" will be delivered by the selection of this parameter.
2. The installation parts for the scene "on the table" and "23 inch cabinet" will be delivered by default.

- 5.5 **Please select the installation mode**

If select "Pole-mounted", quick-lock hoop and outdoor general installation package will be configured;

- 5.6 **Need External AC Power System or not**

1.-220V to -48V power converter
2.External AC power is the Industrial temperature power, height of the equipment is 1U

- 5.7 **Need BATTERY or not**

If need battery,should be configured

- o 5.8 **Need +24V Power Input System or not**

+24V to -48V power converter(NE05E-SK support +24V input,doesn't need)

- o 5.9 **Need AC Adapter or not**

1.220V to -48V power converter,suit for NE05E-S2/SE/SF/SG/SH /SK
2.The size of AC adapter is the same as laptop

- o 5.10 **Please select the quantity of adapter**

NE05E-S2/SE/SF/SG/SH support 2 roads -48V input

6. **===Interface Board===**

- o 6.1 **2 Channels GE Optical Interface Board**

Need to configure the GE SFP optical module, each NE05E-S2 can support 2pcs in Slot1&Slot2

- o 6.2 **4 Channels FE/GE Adaptive Optical Interface Board**

1. This card have 4*GE ports, but the NE05E-S2 slot only have 2G capacity, the traffic of the card will be converge to 2G;
2. Need to configure the GE SFP optical module, each NE05E-S2 can support 2pcs in Slot1&Slot2.

- o 6.3 **8 Channels Fast Ethernet Optical Interface Board**

Need to configure the GE SFP optical module, each NE05E-S2 can support 2pcs in Slot1&Slot2

- o 6.4 **4 Channels FE/GE Adaptive Electronic Interface Board**

1. This card have 4*GE ports, but the NE05E-S2 slot only have 2G capacity, the traffic of the card will be converge to 2G;
2. Need to configure the cable, each NE05E-S2 can support 2pcs in Slot1&Slot2.

- o 6.5 **4 Channels GE/FE PoE Electrical Interface Board**

This card have 4*GE ports, but the NE05E-S2 slot only have 2G capacity, the traffic of the card will be converge to 2G;

- o 6.6 **8 Channels Fast Ethernet Electric Interface Board**

Need to configure the cable, each NE05E-S2 can support 2pcs in Slot1&Slot2

- o 6.7 **16 Channels E1 Interface Board(120ohm)**

Need to configure the 120ohm E1 cable, each NE05E-S2 can support 2pcs in Slot1&Slot2

- 6.8 **16 Channels E1 Interface Board(75ohm)**

Need to configure the 75ohm E1 cable, each NE05E-S2 can support 2pcs in Slot1&Slot2

- 6.9 **32 Channels E1 Interface Board**

Support 75ohm/120ohm self-adjustment

- 6.10 **8 Channels T1 Interface Board**

Need to configure the cable, each NE05E-S2 can support 2pcs in Slot1&Slot2

- 6.11 **8 Channels ADSL2+ Interface Board, with Bonding Function, Annex A&Annex M Mode**

each NE05E-S2 can support 2pcs in Slot1&Slot2

- 6.12 **8 Channels VDSL2 Interface Board with Bonding Funtion,Annex B Mode**

each NE05E-S2 can support 2pcs in Slot1&Slot2

- 6.13 **4 Channels G.SHDSL Interface Board**

each NE05E-S2 can support 2pcs in Slot1&Slot2

- 6.14 **4 Channels Channelized OC-3c/STM-1c POS Optical Interface Board**

STM-1 optical modules to be configured.

- 6.15 **4 Channels FXS/FXO+ 2 Channels E&M+2 Channels RS485/RS422 Interface Board**

Specifications:
1)Support interface type:RS-232/RS-485/RS-422,E&M,FXS/FXO
2)Specifications list:
http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=CIP181029444845451

Configuration precautions:
Need to configure cable.
1)two RS-485/RS-422 interfaces, based on the actual type of the peer device prepare

cables on site.

2)two E&M interfaces, based on the actual type of the peer device prepare cables on site.

3)two RS-232 interfaces need to use a maximum of two RS-232 serial port cable.

4)4-channel FXS/FXS interface need to use a maximum of four standard phone lines.

4-Channel FXS/FXO+2-Channel E&M+2-Channel RS232+2-Channel RS485 Board

- 6.16 **8 Channels V.35/X,21/V/24 Interface Board**

Specifications:

1)Support interface type:RS-232/X.21/V.24/V.35

2)Specifications list:

http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=CIP181029444845451

Configuration precautions:

Need to configure cable.

8-Channel V.35/X.21/V.24 Board

- 6.17 **4 Channels C37.94 Optical Interface and 4 Channels CoDir64K Electric Interface Board**

Specifications:

1)Support interface type:C37.94, 64 kbit/s codirectional interface

2)Specifications list:

http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=CIP181029444845451

Configuration precautions:

Need to configure 2M SFP moudle.

4 Channels

C37.94 Optical Interface and 4 Channels CoDir64K Electric Interface Board

- 6.18 **6 Channels E&M Interface Board**

Specifications:

1)Support interface type:E&M

2)Specifications list:

http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=CIP181029444845451

Configuration precautions:

1)Based on the actual type of the peer device prepare cables on site;

2)Please select need lightning arrester in outdoor;

3)Each 2 ports need to be equipped with 1pcs Exchange Side Strip, 8pcs GDT Protective Unit. 6 ports need a total of 3PCS Exchange Side Strip, 24PCS GDT Protective Unit. Each board is equipped with 1pcs Side strip brackett and 1pcs IDC Tool in outdoor.

6 Channes E&M

Interface Board

7. **===R01S100 Assembly Cabinet===**

- 7.1 **Please select kind of cabinet**

S100 is the outdoor cabinet suit for NE05E-S2/SG/SH/SE/SF,When outdoor used or nearby ocean andcontamination,outdoor cabinet is must.

- 7.2 **Please select the Standard of Components for Socket**

S100 support power output,if needed,Plsase slecet the right socket

8. **===10G XFP Optical Transceiver===**

- 8.1 **Optical Transceiver,XFP,1310nm,9.95~10.71Gb/s,LC,SM,10km**

10GE XFP Transceiver,single mode,10km

- 8.2 **Optical Transceiver,XFP,1550nm,9.95~11.1Gb/s,LC,SM,40km**

10GE XFP Transceiver,single mode,40km

- 8.3 **Optical Transceiver,XFP,1550nm,9.95~11.1Gb/s,LC,SM,80km**

10GE XFP Transceiver,single mode,80km

- 8.4 **Optical Transceiver-CWDM XFP,1471nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- 8.5 **Optical Transceiver-CWDM XFP,1491nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- 8.6 **Optical Transceiver-CWDM XFP,1511nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- 8.7 **Optical Transceiver-CWDM XFP,1531nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- 8.8 **Optical Transceiver-CWDM XFP,1551nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- 8.9 **Optical Transceiver-CWDM XFP,1571nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- 8.10 **Optical Transceiver-CWDM XFP,1591nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- 8.11 **Optical Transceiver-CWDM XFP,1611nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- o 8.12 **Optical Transceiver-DWDM XFP,1530.33nm,9.95G~11.1Gbps,LC,SM,80km**

10GE XFP Transceiver

- o 8.13 **Optical Transceiver-DWDM XFP,1550.92nm,9.95G~11.1Gbps,LC,SM,80km**

10GE XFP Transceiver

9. **===10G XFP Optical Transceiver(Industry Level)===**

- o 9.1 **Optical Transceiver,XFP,1550nm,9.95Gb/s to 11.1Gb/s,LC,Single-mode,40km,-40~85C**

10GE XFP Transceiver(industry level)

10. **===10G SFP+ Optical Transceiver===**

- o 10.1 **Optical Transceiver,SFP+-850nm-10G/1G-LC-MM-0.3km**

Dual-Rate SFP+ transceivers designed for 10G SFP+ ports and
1G/10G SFP+ ports, rate can be selected by command when plug in 1G/10G SFP+
ports

- o 10.2 **Optical Transceiver,SFP+-1310nm-10G/1G-SM-LC-10km**

Dual-Rate SFP+ transceivers designed for 10G SFP+ ports and
1G/10G SFP+ ports, rate can be selected by command when plug in 1G/10G SFP+
ports

- o 10.3 **Optical Transceiver,SFP+-1550nm-10G/1G-SM-LC-40km**

Dual-Rate SFP+ transceivers designed for 10G SFP+ ports and
1G/10G SFP+ ports, rate can be selected by command when plug in 1G/10G SFP+
ports

- o 10.4 **Optical Transceiver,SFP+,1471nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is
documented on the product line

- o 10.5 **Optical Transceiver,SFP+,1491nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is
documented on the product line

- o 10.6 **Optical Transceiver,SFP+,1511nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- o 10.7 **Optical Transceiver,SFP+,1531nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- o 10.8 **Optical Transceiver,SFP+,1551nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- o 10.9 **Optical Transceiver,SFP+,1571nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- o 10.10 **Optical Transceiver,SFP+,1591nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

- o 10.11 **Optical Transceiver,SFP+,1611nm,9.95~11.1Gb/s,LC,SM,70km**

The use of color scheme requires a market technology assessment and is documented on the product line

11. **===10G SFP+ Optical Transceiver(Industry Level)===**

- o 11.1 **Optical Transceiver,SFP+,850nm,9.8G,LC,MMF,0.1km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

- o 11.2 **Optical transceiver,SFP+,1310nm,10.3125Gb/s,LC,SM,10km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

- o 11.3 **Optical transceiver,SFP+,1550nm,9.95~11.1Gb/s,LC,SM,40km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

12. **===1G SFP/eSFP Optical Transceiver===**

- o 12.1 **1000BASE-T (RJ45) SFP Electrical Module,Auto Negotiate,100m**

1.When the SFP interface use the electrical module,it does not support ethernet clock synchronization,1588V2,and 1588 ACR;
2.S6E does not support electrical modules.

- ### 12.2 Optical Transceiver,eSFP,1471nm,100M~2.67Gbps,LC,SM,80Km

1.Only used for GE interface board, and the wavelength of two ends must be the same.
2.When the CWDM optical transceiver is used in networking, the multiplexer and demultiplexer are required. The products of Transmission Network are recommended .
3.The use of color scheme requires a market technology assessment and is documented on the product line

- ### 12.3 Optical Transceiver,eSFP,1491nm,100M~2.67Gbps,LC,SM,80Km

1.Only used for GE interface board, and the wavelength of two ends must be the same.
2.When the CWDM optical transceiver is used in networking, the multiplexer and demultiplexer are required. The products of Transmission Network are recommended .
3.The use of color scheme requires a market technology assessment and is documented on the product line

- ### 12.4 Optical Transceiver,eSFP,1511nm,100M~2.67Gbps,LC,SM,80Km

1.Only used for GE interface board, and the wavelength of two ends must be the same.
2.When the CWDM optical transceiver is used in networking, the multiplexer and demultiplexer are required. The products of Transmission Network are recommended .
3.The use of color scheme requires a market technology assessment and is documented on the product line

- ### 12.5 Optical Transceiver,eSFP,1531nm,100M~2.67Gbps,LC,SM,80Km

1.Only used for GE interface board, and the wavelength of two ends must be the same.
2.When the CWDM optical transceiver is used in networking, the multiplexer and demultiplexer are required. The products of Transmission Network are recommended .
3.The use of color scheme requires a market technology assessment and is documented on the product line

- ### 12.6 Optical Transceiver,eSFP,1551nm,100M~2.67Gbps,LC,SM,80Km

1.Only used for GE interface board, and the wavelength of two ends must be the same.

2.When the CWDM optical transceiver is used in networking, the multiplexer and demultiplexer are required. The products of Transmission Network are recommended .

3.The use of color scheme requires a market technology assessment and is documented on the product line

- 12.7 **Optical Transceiver,eSFP,1571nm,100M~2.67Gbps,LC,SM,80Km**

1.Only used for GE interface board, and the wavelength of two ends must be the same.

2.When the CWDM optical transceiver is used in networking, the multiplexer and demultiplexer are required. The products of Transmission Network are recommended .

3.The use of color scheme requires a market technology assessment and is documented on the product line

- 12.8 **Optical Transceiver,eSFP,1591nm,100M~2.67Gbps,LC,SM,80Km**

1.Only used for GE interface board, and the wavelength of two ends must be the same.

2.When the CWDM optical transceiver is used in networking, the multiplexer and demultiplexer are required. The products of Transmission Network are recommended .

3.The use of color scheme requires a market technology assessment and is documented on the product line

- 12.9 **Optical Transceiver,eSFP,1611nm,100M~2.67Gbps,LC,SM,80Km**

1.Only used for GE interface board, and the wavelength of two ends must be the same.

2.When the CWDM optical transceiver is used in networking, the multiplexer and demultiplexer are required. The products of Transmission Network are recommended .

3.The use of color scheme requires a market technology assessment and is documented on the product line

13. **===1G SFP/eSFP Optical Transceiver(Industry Level)===**

- 13.1 **Optical Transceiver,eSFP,1310nm,1.25Gb/s,LC(-40~85),SM,10km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

- 13.2 **Optical transceiver,eSFP,1310nm,1.25Gb/s,LC(-40~85),SM,40km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

14. **===155M SFP/eSFP Optical Transceiver(can be used as FE Optical Transceiver)===**

   o 14.1 **Optical Transceiver,eSFP,1310nm,2.048Mb/s,LC,SM,2km**

configured with MP8A board cable

15. **===155M SFP/eSFP Optical Transceiver(Industry Level, can be used as FE Optical Transceiver)===**

   o 15.1 **Optical Transceiver,eSFP(industry),1310nm,STM1,LC,SM,15km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

   o 15.2 **Optical Transceiver,eSFP(industry),1310nm,STM1,LC,SM,40km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

   o 15.3 **Optical Transceiver,eSFP(industry),1550nm,STM1,LC,SM,80km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

16. **===BIDI XFP/eSFP Optical Transceiver===**

   o 16.1 **Optical Transceiver,XFP,9.95Gb/s to 11.35Gb/s,Tx1270nm/Rx1330nm,LC,SM,10km**

If the operating wavelength of one side is Tx1270/Rx1330, the other side should be Tx1330/Rx1270.

   o 16.2 **Optical Transceiver,XFP,9.95Gb/s to 11.35Gb/s,Tx1330nm/Rx1270nm,LC,SM,10km**

If the operating wavelength of one side is Tx1270/Rx1330, the other side should be Tx1330/Rx1270.

   o 16.3 **Optical Transceiver,eSFP,GE,Tx1310/Rx1490,LC,SM,10km**

If the operating wavelength of one side is Tx1310/Rx1490, the other side should be Tx1490/Rx1310.

   o 16.4 **Optical Transceiver,eSFP,GE,Tx1490/Rx1310,LC,SM,10km**

If the operating wavelength of one side is Tx1490/Rx1310, the other side should be Tx1310/Rx1490.

- 16.5 **Optical Transceiver,eSFP,GE,Tx1310/Rx1490,LC,SM,40km**

If the operating wavelength of one side is Tx1310/Rx1490, the other side should be Tx1490/Rx1310.

- 16.6 **Optical Transceiver,eSFP,GE,Tx1490/Rx1310,LC,SM,40km**

If the operating wavelength of one side is Tx1490/Rx1310, the other side should be Tx1310/Rx1490.

17. **===BIDI SFP/eSFP Optical Transceiver(Industry Level)===**

- 17.1 **BIDI Transceiver,SFP,1310(TX)/1490(RX),1.25Gb/s,LC(-40~85),SM,10km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

- 17.2 **BIDI Transceiver,SFP,1490(TX)/1310(RX),1.25Gb/s,LC(-40~85),SM,10km**

Industrial level optical module, please according to the equipment operating environment to choose appropriate optical module

18. **===Patch Cord===**

- 18.1 **Please select the client interface type of outdoor fiber**

Default DLC/PC(connector length 0.34m) 10m.If need other specification, Please change it at "Bill of Configuration".

19. **===Cable===**

- 19.1 **Please select the length of DC power cable for Chassis**

If DC power input,please choose the length of power cable

- 19.2 **Select the type of C13 AC power cable**

Select the type of AC power cable carefully

- 19.3 **Need Shield Network Cable for GE/FE electronic interface or not**

Consider the EMC requirements , shielded cable is recommended

- 19.4 **Need Shield Network Cable for Combo interface or not**

Depond on Combo interface work on optical mode or electraical mode

- o 19.5 **RS232/FXS/FXO/E&M port cable**

  - 19.5.1 **Please input the quantity of RS232/RS485/RS422**

NED1MPAA and NED1SA8 boards support RS232/RS485/RS422 interface,NED1MPAA board supports a maximum of two RS232 cable, two RS485/RS422,NED1SA8 board supports a maximum of 8 pieces of RS232 cable

  - 19.5.2 **Please input the quantity of FXS/FXO**

NED1MPAA board supports four FXS/FXO interface,NED1MPAA board supports a maximum of need 4 standard phone lines

  - 19.5.3 **Need E&M or not**

NED1MPAA board supports 2-channel E&M interface,NED1MPAA board supports a maximum of 2 pieces of E&M cable

  - 19.5.4 **Need lightning arrester or not**

Arrester must be configured when unshield cable is used in outdoor.

- o 19.6 **Please select the type of SA8 board cable**

  - 19.6.1 **Please input the quantity of X.21-DTE**

NED1SA8 board supports 8-channel X.21 interface,NED1SA8 board must be equipped with an 8 records at most X.21 DTE cable

  - 19.6.2 **Please input the quantity of X.21-DCE**

NED1SA8 board supports 8-channel X.21 interface,NED1SA8 board must be equipped with an 8 records at most X.21 DCE cable

  - 19.6.3 **Please input the quantity of V.24-DTE**

NED1SA8 board supports 8-channel V.24 interface,NED1SA8 board must be equipped with an 8 records at most V.24 DTE cable

  - 19.6.4 **Please input the quantity of V.24-DCE**

NED1SA8 board supports 8-channel V.24 interface,NED1SA8 board must be equipped with an 8 records at most V.24 DCE cable

  - 19.6.5 **Please input the quantity of V.35-DTE**

NED1SA8 board supports 8-channel V.35 interface,NED1SA8 board must be equipped with an 8 records at most V.35 DTE cable

- 19.6.6 **Please input the quantity of V.35-DCE**

NED1SA8 board supports 8-channel V.35 interface,NED1SA8 board must be equipped with an 8 records at most V.35 DCE cable

- 19.7 **Please input the quantity of MP8A board cable**

MP8A board support SFP and RJ-45 interface,4 PCS fibre-Optical and 4PCS 120ohm 1*E1 cable can be configured at most for each MP8A.