

## Unpacking

Before you begin using the device, please check the version you got and ensure that the following items are included in the shipped box:

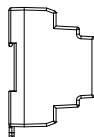
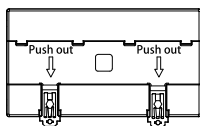
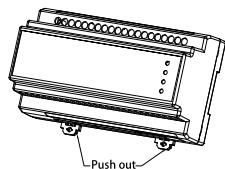


NS-2 x 1

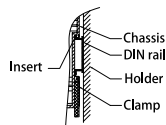
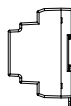
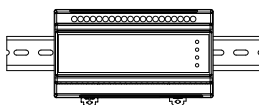
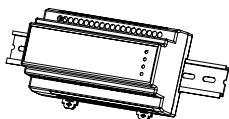


Power cable (with DC) x 1

## Device Installation

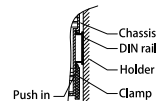
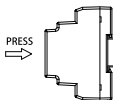
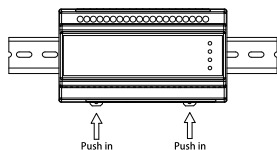
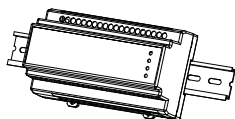


Push out the two clasps completely.



Description of partial section view

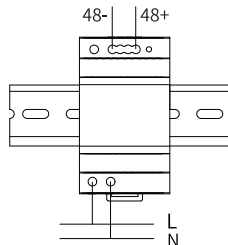
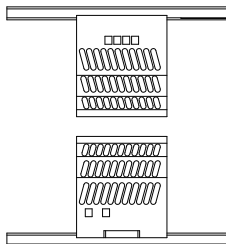
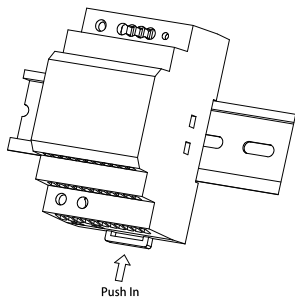
Insert the guide groove on the raised part of the bottom of the equipment shell into one side of the guide rail, and fit the NS-2 on the guide rail.



Description of partial section view

Press down the NS-2 on the front, push the two clasps upwards, and make the buckles snap into the guide rail, and then fix it on to the guide rail.

## Power Adapter Installation



Place the power adapter on the corresponding position of the guide rail as shown in the figure above, and fasten the plastic buckle on the guide rail to fix the power adapter.

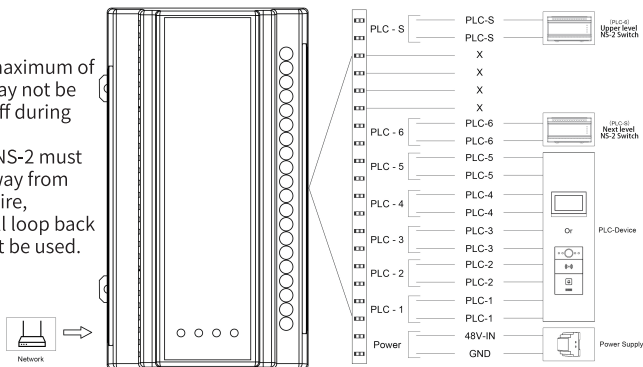
Note: The power adapter is 48V/1.25A DC or 24V/2A DC. Please refer to Device Wiring section for more connection details.

Note: Power adapter was not provided in the shipped box, please purchase it separately if you need it.

## Device Wiring

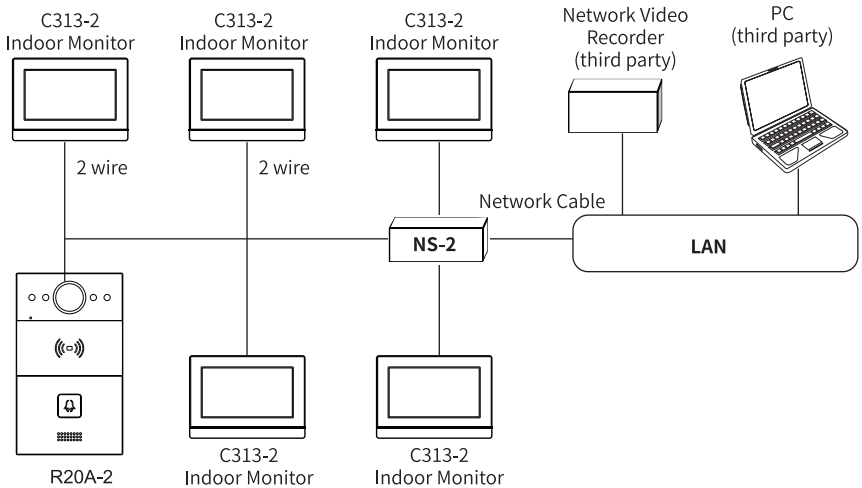
### Note:

- Each NS-2 supports a maximum of 6 loads, otherwise, it may not be powered on or power off during use.
- The PLC-S lead wire of NS-2 must be kept at least 5 cm away from the PLC-1~PLC-6 lead wire, otherwise the signal will loop back and the network cannot be used.



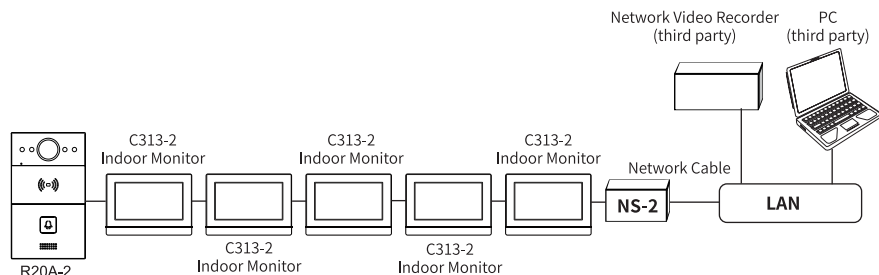
## Application Network Topology

**Topology-1: each device connect to NS-2 separately.**



Adapter Voltage	Cable Model	Farthest Distance	Adapter Voltage	Cable Model	Farthest Distance
48V	24awg	300m	24V	24awg	150m
	20awg	300m		20awg	250m
	18awg	300m		18awg	300m

## Topology-2: devices are series connection with NS-2.



Adapter Voltage	Cable Model	Farthest Distance	Adapter Voltage	Cable Model	Farthest Distance
48V	24awg	100m/6台 150m/4台 200m/3台	24V	24awg	50m/3台 150m/1台
	20awg	250m/6台 300m/5台		20awg	100m/3台 150m/2台 250m/1台
	18awg	300m/6台		18awg	100m/6台 150m/4台 200m/3台 300m/2台

Note: When using different cable, the maximum number of devices can connect to NS-2 under the different maximum distances which can refer to the above table. For example, when using a 24awg cable, if the farthest distance is 100m, the maximum number of devices connect to NS-2 is 6.

### Notice Information

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