1048idss Quick Installation Guide

Before Starting

About this Guide

This document provides information about the 1048idss(Direct Station Select) module installation for the 1000i series.
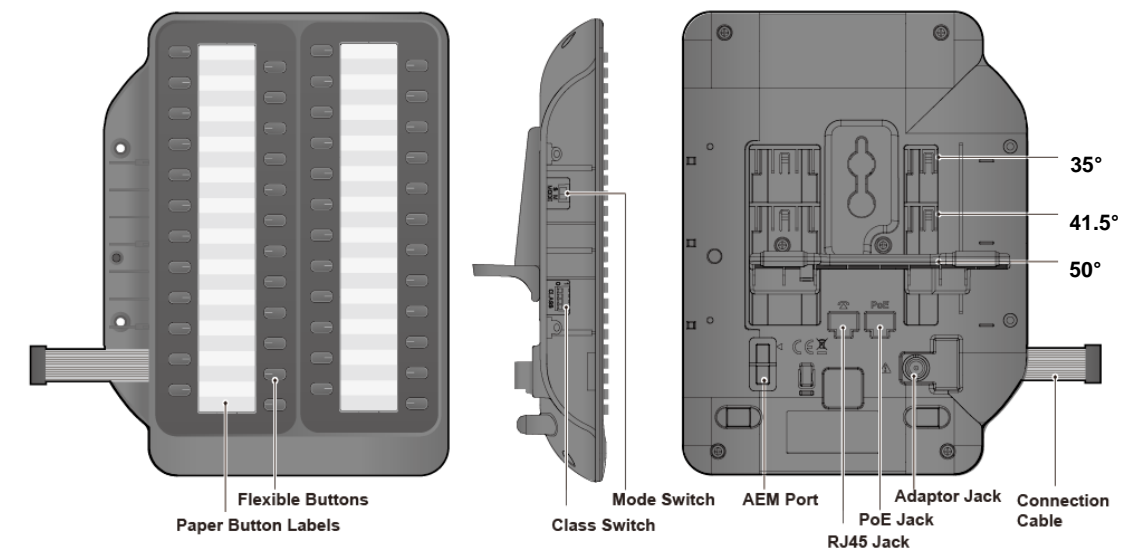
Package contents

The following items are included in your 1048idss package. Before installation, ensure that you have the following package contents

- 1048idss with Paper Labels, Stand, Screws, 25cm CAT5E Ethernet Cable

Description

The 1048idss provides 48 flexible buttons that can be programmed to connect with an IP phone. You can connect up to four 1048idss to the phone. (except the 1010i).

Component names

Flexible Buttons
Paper Button Labels
Mode Switch
Class Switch
AEM Port
Adaptor Jack
PoE Jack
RJ45 Jack
Connection Cable
35°
41.5°
50°

Switch Settings

Set the 1048idss for connection depending on the model of IP phone you are using. The switches are on the left side of the 1048idss.

Power Mode

The MODE switch is used to choose the power mode between Slave and Master.

Symbol	Mode	Power	Description
S	Slave	5V	1048idss receives power from another 1048idss.
M	Master	48V	1048idss provides power itself.

PoE Class (IEEE802.3af/at standard)

The 1048idss supports devices with PoE class 0, 1, 2, 3, and 4. This class indicates the power range required for the device to work. The devices which classified as Class 0 to allow them to draw all the power they may need without setting the DIP switch. The DIP switch has four individual PIN, and you can do the configuration for need adjustment. The default PINs position is on 0.

Installation

The IP phone and 1048idss should be placed on a level surface near an electrical outlet, such as a desk or tabletop.

Connecting 1048idss with IP Phone

The iPKTS phone can connect up to four 1048idss, and the SIP phone can connect up to two 1048idss. To install this 1048idss correctly, please follow the procedures below.

⚠️ **Caution!** Disconnect the power cable or remove the network cable to ensure that your phone is Off. Only a peripheral device can be connected to the AEM port. (1048idss or EHSA)

1) Set the power mode and PoE class in advance. Refer to the PoE Class Setting at the "Network and Power" Section
2) First, assure the phone is NOT connected to power. For convenience, you may wish to remove the handset and foot-stand; this simplifies the 1048idss installation.
3) Align the 1048idss and phone, as shown in the drawing.
4) Connect the 1048idss Connecting Cable to the phone.
5) Push the 1048idss into the phone until the 1048idss is fully engaged.
6) Insert the screws provided through the screw tabs in the 1048idss and tighten the screws into the phone.

Mounting the Phone and Stand

The phone includes a foot stand that can be installed. It provides a 35° or 41.5°(for 1080i only) or a 50° angle of the face of the phone. If the phone is not wall-mounted, install the foot stand at the desired angle. If wall mounting, do not fit the foot stand.

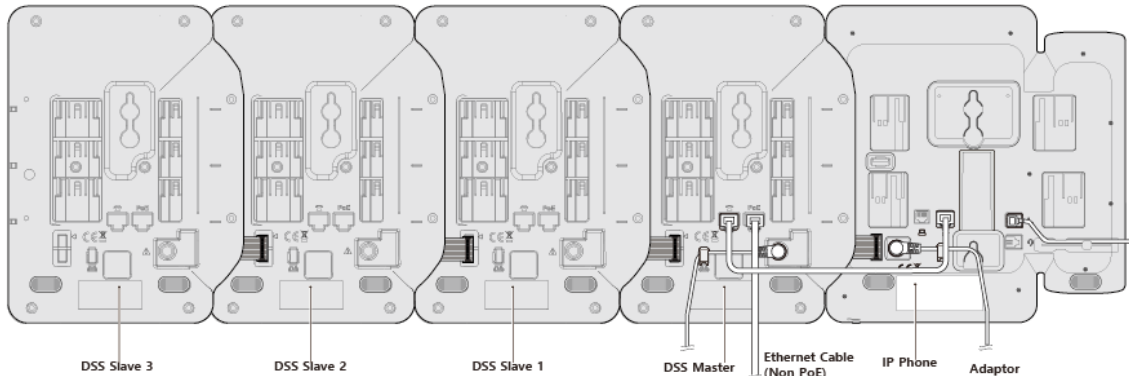### USB Charging from the Phone(1040i,1050i,1080i only)

To charge USB with a Phone, Connect the Adaptor to the phone.

Network and Power

1048idss can be powered by either AC/DC adaptor (not supplied), or PoE. Use only the IPECS Approved power adaptor, which you can order separately. To use PoE, your connected LAN must support PoE.

Powered by Power Adaptor

1) Plug the supplied LAN cable into the RJ45 Jack on the 1048idss marked with the symbol as the below picture and the LAN Ethernet port on your phone marked with the symbol.
2) Plug the LAN cable into the PoE Jack on the 1048idss marked with the symbol like the below picture and your LAN Ethernet connection. (Do not extend the LAN Ethernet cable to the outside of the building.)
3) Connect the power adaptor to the adaptor jack on the phone and fasten the cord with a hook and plug the power adaptor into the nearest power outlet.
4) Connect the power adaptor to the adaptor jack on the 1048idss as the below picture and fasten the cord with a hook and plug the power adaptor into the nearest power outlet.
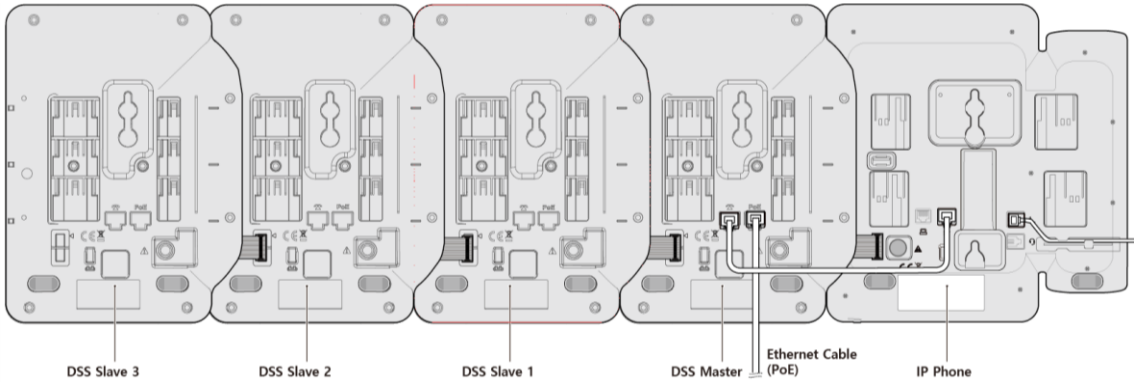

DSS Slave 3 · DSS Slave 2 · DSS Slave 1 · DSS Master · Ethernet Cable (Non PoE) · IP Phone · Adaptor

Adaptor Connection	Model
Adaptor 1ea for 1048idss only	1020i,1030i + 1048idss (Max 3ea) 1040i,1050i + 1048idss (Max 2ea) 1080i + 1048idss (1ea)
Adaptor 1ea for 1048idss and 1ea for Phone	1020i,1030i,1040i,1050i,1080i + 1048idss (Max 4ea)

Note) If both the phone and 1048idss use an adaptor and a LAN cable is connected to each other, be sure to connect the phone's adaptor first.

Powered by PoE

1) Plug the supplied LAN cable into the RJ45 Jack on the 1048idss marked with the symbol as the below picture and the LAN Ethernet port on your phone marked with the symbol.
2) Plug the LAN cable into the PoE Jack on the back of 1048idss marked with the symbol like the below picture and your LAN Ethernet connection. (Do not extend the LAN Ethernet cable to the outside of the building.)

DSS Slave 3 · DSS Slave 2 · DSS Slave 1 · DSS Master · Ethernet Cable (PoE) · IP Phone

Class	PIN	Power Ranges(W)	Model
0	0000	0.44 W - 12.95W	1020i,1030i + 1048idss (Max 3ea) 1040i,1050i + 1048idss (Max 2ea) 1080i + 1048idss (1ea)
1	0001	0.44W - 3.84W	1ea 1048idss
2	0010	3.84W - 6.49W	1020i,1030i + 1048idss(1ea)
3	0100	6.49W - 12.95W	1020i,1030i + 1048idss (Max 3ea) 1040i,1050i + 1048idss (Max 2ea)
4	1000	12.95W - 25.5W	1020i,1030i,1040i,1050i + 1048idss (Max 4ea) 1080i + 1048idss (Max 2ea)

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