

1048idss Quick Installation Guide

Before using the equipment

This guide provides information for installing the 1048idss. The 1048idss is a 1000i Series expansion module with 48 LED DSS keys. For more information, [refer to the 1000i Series](https://www.ipecs.co.kr) user guide at <https://www.ipecs.co.kr>. Specifications are subject to change without notice as the product is continuously developed and improved.

User information

This Class B electromagnetic compatibility device is intended mainly for domestic use and may be used in any environment.

Package contents

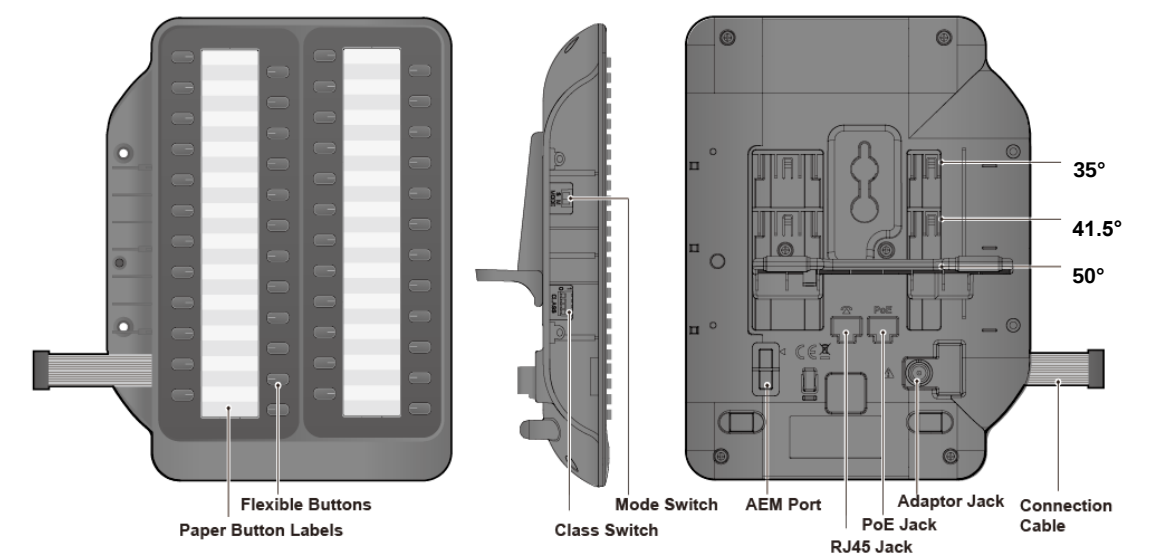
Check that all components are included. If anything is missing or damaged, contact the retailer where you purchased the product.

- 1048idss, phone stand, 25cm CAT5 LAN cable and mounting screw

Product

The 1048idss provides 48 programmable keys for 1000i terminals. iPKTS terminals support up to 4 1048idss modules and SIP terminals support up to 2 modules. The 1048idss is not compatible with the 1010i.

Product overview



Switch configuration

Set the 1048idss switches for the 1000i terminal model. The switches are on the left side.

Power mode switch

Selects whether the 1048idss operates as a slave or master unit.

Symbol	Mode	Voltage	Use
S	Slave	5V	Receives power from the preceding 1048idss
M	Master	48V	The 1048idss receives power directly from the adapter or PoE

PoE class selector

The 1048idss supports PoE classes 0, 1, 2, 3 and 4. The class determines the available power range. Class 0 automatically requests the required power without selecting a specific class. The DIP selector has four independent positions for adjusting the configuration. The default position is class 0.

Installation

Install the equipment on a desk or level surface where power can be connected easily.

Connecting the 1048idss to an IP terminal

Follow these steps to install the 1048idss correctly.

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CAUTION: Make sure the terminal is off by disconnecting the power or network cable.
The 1048idss connects to the AEM port and may be used with another 1048idss or an EHSA adapter.
- Set the power mode and PoE class in advance. See the sections "Switch configuration" and "Network and power".
 - Turn off the terminal. For easier installation, remove the handset and stand. This will make installing the 1048idss and working on the terminal more convenient.
 - Align the 1048idss with the terminal and connect the 1048idss connection cable to the terminal.
 - Press the 1048idss against the terminal until both units are fully engaged.
 - Insert the screw supplied with the 1048idss into the terminal screw hole and tighten it.

Installing the stand

The 1048idss stand provides angles of 35°, 41.5° (1080i only) or 50°.

Do not install the stand when the assembly is wall-mounted.

USB charging

For charging through the terminal USB port, connect the power adapter to the terminal—1040i, 1050i and 1080i only.

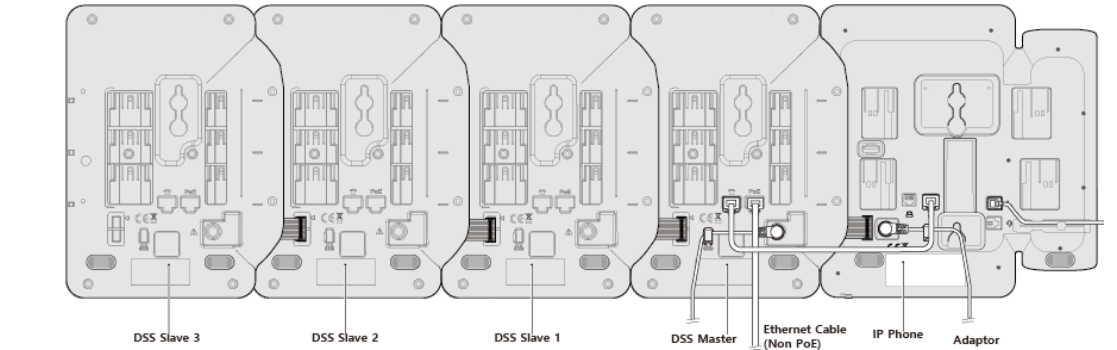
Network and power connection

Power the 1048idss using an optional AC/DC adapter or PoE.

Use a genuine power adapter approved by the manufacturer. To use PoE, the connected LAN must support PoE power.

Powering with adapters

- Connect the supplied LAN cable between the 1000i terminal LAN port and the 1048idss LAN port.
- Connect the LAN cable to the 1048idss PoE port, as shown. Do not route the LAN cable outside the building.
- Connect the adapter to the terminal, secure its cable in the hook and plug it into the nearest power outlet. This step applies only when the terminal and 1048idss use separate adapters.
- Connect the adapter to the 1048idss, secure its cable in the hook and plug it into the nearest power outlet.



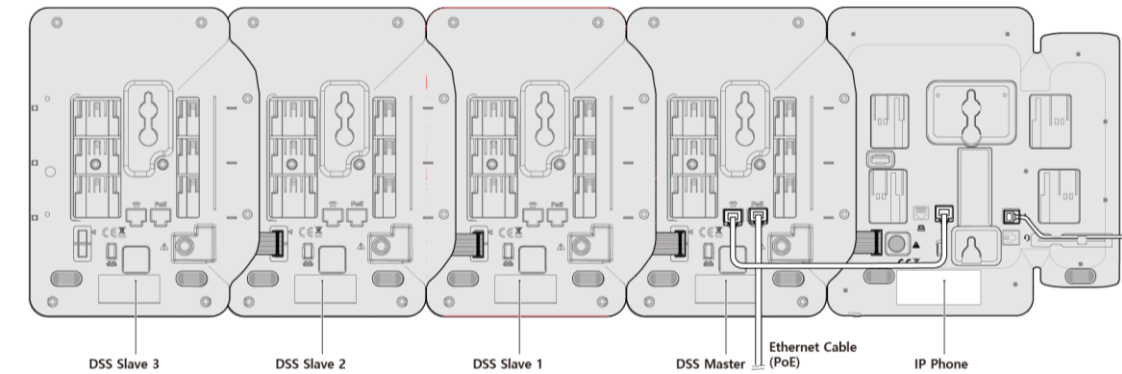
Adapters	Model
One adapter connected only to the 1048idss	1020i or 1030i + up to 3 1048idss modules 1040i or 1050i + up to 2 1048idss modules 1080i + 1 1048idss module
One adapter for the 1048idss and one for the terminal	1020i, 1030i, 1040i, 1050i or 1080i + up to 4 1048idss modules

* When a 1000i terminal is used as a SIP terminal, it supports a maximum of 2 1048idss modules.

NOTE: If the terminal and 1048idss use adapters and are linked by the LAN cable, connect the terminal adapter first.

Powering with PoE

- Connect the supplied LAN cable between the terminal LAN port and the 1048idss LAN port.
- Connect the LAN cable to the 1048idss PoE port, as shown. Do not route the LAN cable outside the building.



Class	Selector	Rated range (W)	Model
0	0000	0.44 W - 12.95W	1020i or 1030i + up to 3 1048idss modules 1040i or 1050i + up to 2 1048idss modules 1080i + 1 1048idss module
1	0001	0.44W - 3.84W	1048idss (1 unit)
2	0010	3.84W - 6.49W	1020i or 1030i + 1048idss (1 unit)
3	0100	6.49W - 12.95W	1020i or 1030i + up to 3 1048idss modules 1040i or 1050i + up to 2 1048idss modules
4	1000	12.95W - 25.5W	1020i, 1030i, 1040i or 1050i + up to 4 1048idss modules 1080i + up to 2 1048idss modules

* When a 1000i terminal is used as a SIP terminal, it supports a maximum of 2 1048idss modules.

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