Overview

- Features, on page 1
- Package Contents, on page 2
- Serial Number Locations, on page 2
- Module Dock Components, on page 3
- Module Dock LEDs, on page 3
- Power Supply, on page 4
- Hardware Specifications, on page 4
- Product ID Numbers, on page 5

Features

The Cisco Provider Connectivity Assurance Module Dock (formerly Skylight module dock) is a quick and clientless way to pre-stage both the Cisco Provider Connectivity Assurance Sensor SFP (formerly Skylight sensor: SFP compute) and Cisco Provider Connectivity Assurance Sensor Modules (formerly Skylight sensor: module). Certain network topologies and operational workflows may favor preconfiguring modules such as the Sensor SFP and Sensor Modules to facilitate the discovery and control by the Cisco Provider Connectivity Assurance (formerly Accedian Skylight) Performance Platform. The Module Dock is a USB-powered configuration tool that connects to modules through its RJ45 or SFP port. Upon connection, the Module Dock uses secure authentication to ensure that only genuine Module Docks can communicate with the module. Once the necessary security keys have been exchanged, module configuration and firmware can be updated.

Figure 1: Cisco Provider Connectivity Assurance Module Dock

The following table lists the features for the Module Dock.

Table 1: Cisco Provider Connectivity Assurance Module Dock Features

Feature	Description
RJ-45 port	One RJ-45 connector for Sensor Modules (using an Ethernet cable)
SFP port	One SFP connect for Sensor SFP
USB 2.0 port	One USB connector for host computer (using a USB cable)

Package Contents

The package contents for the Module Dock include:

- Assurance Module Dock (1x)
- Cable USB 2.0, 305 mm, One B to Two A Male Connectors (1x)
- *Cisco Provider Connectivity Assurance Module Dock*—This document contains URLs that point to the hardware installation guide, regulatory compliance and safety information guide, warranty, and licensing pages, and a QR code that points to the management center Documentation Portal

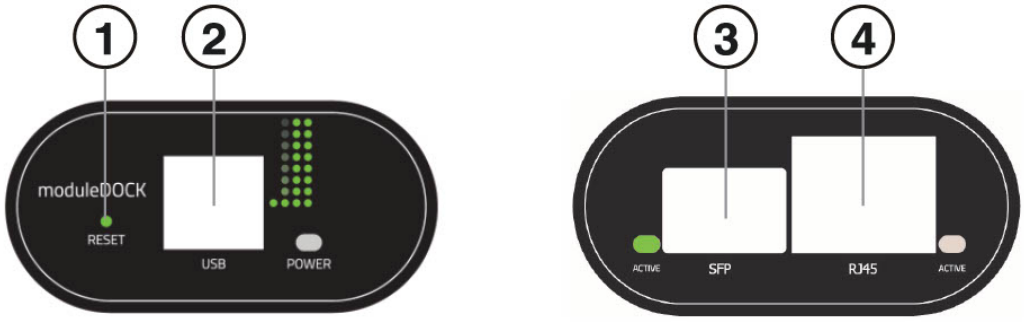
Serial Number Locations

The Serial Number (SN) and the Media Access Control (MAC) address are located at the bottom of the Module Dock.

Module Dock Components

The following figure shows the features of the Module Dock. See Module Dock LEDs, on page 3 for a description of the LEDs.

Figure 2: Module Dock Components

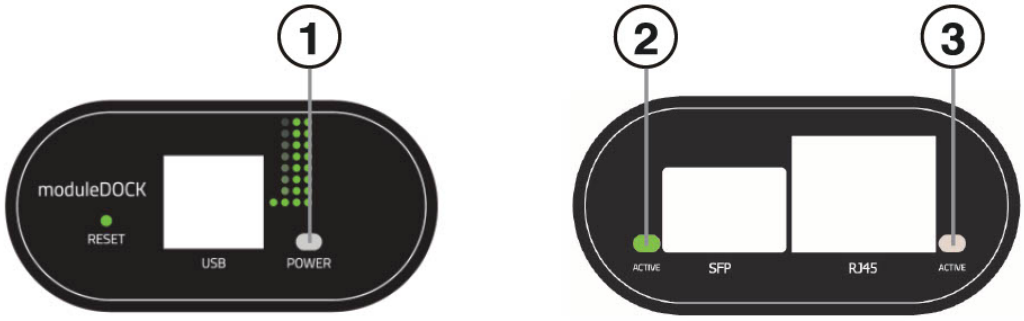


1	Reset button Used to restart the Module Dock or revert to factory default settings	**2**	USB 2.0 port Connect a USB cable between this port and a host computer
3	SFP port Insert the Sensor SFP directly into this port	**4**	RJ45 port Connect this port to the Sensor Module using an Ethernet cable

Module Dock LEDs

The following figure shows the LEDs and describes their states.

Figure 3: Module Dock LEDs and Their States



1	Power LED • Off—Device is unpowered • Green—Device is powered and ready • Orange—Device is powered but not ready	**2**	SFP LED • Off—Interface is inactive • Green—Interface is active
3	RJ-45 LED • Off—Interface is inactive • Green—Interface is active		—

Power Supply

The following table lists the specifications for each power supply used in the Module Dock.

Table 2: Power Specifications

Description	Specification
Input power ratings	USB: 5 V DC, 900 mA_{Max}
Output power ratings	SFP: 2.25 W_{Max}
Power consumption	4.5 W_{Max} (15.3 BTU/hr_{Max})

Hardware Specifications

The following table contains hardware specifications for the Module Dock.

Dimensions (H x W x D)	1.15 x 2.3 x 5.4 in. (3 x 5.8 x 13.7 cm)
Weight	0.25 lb (0.115 kg)
Temperature	Operating: 32 to 104°F (0 to 40°C) Nonoperating: -40 to 158°F (-40 to 70°C)
Humidity	Operating: 5 to 85 % RH, noncondensing Nonoperating: 5 to 95 % RH, noncondensing
Altitude	6562 ft (2000 m), above sea level

Product ID Numbers

The following table lists the field-replaceable PIDs associated with the Module Dock. If any internal components fail, you must get a return material authorization (RMA). See the Cisco Returns Portal for more information.

Table 3: Module Dock PID

PID	Description
SKY-MODULE-DOCK	Cisco Provider Connectivity Assurance Module Dock