

Trouble Shooting Guide

Problem	Solution
Pwr light is not solid	Power is not supplied. Check if the power supply is connected to Nexi-2 and to an power outlet
Pwr light is blinking	Power supply is bad. Replace power supply.
Pwr and Act lights are solid	Internal problem. Return the Nexi-2 for service.
Vital sign not streaming	Check if medical device specific cable is connected to the medical devices and to the Nexi-2 correctly. If using WIFI, check if WIFI adapter has a blinking light. If using Ethernet, check if the Nexi-2 Ethernet port has blinking lights. If you have access to Nexi Server, check for problem. If you have access to Nexi Mobile View, check for problem.



Technical Support

Please contact your support representatives or support@neximatic.com

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Neximatic Vital Sign Streaming Solution

Nexi-2

Version 1.4

WARNING

Please read the entire user manual before proceeding. Please exercise reasonable caution. Contact support for any question.

Introduction

Neximatic Vital Sign Streaming Solution supports HIPPA compliant vital sign streaming to electronic health record systems. A Nexi is a computing platform that is physically connected to medical devices by medical device specific cables. This model is called Nexi-2. Nexi-2 queries and transports medical data from connected medical devices to the Nexi Server, thereon, electronic health record systems can receive a stream of the captured medical data via a Nexi HL7 Stream or Nexi Server API.

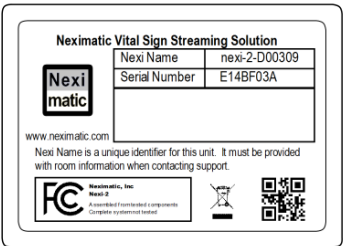
Package content

- 1x Nexi-2
- 1x Power Supply for Nexi-2
- Optional 1x WIFI adapter (USB 2.0, 2.4GHZ, 802.11b/g/n, WPA2 Security)

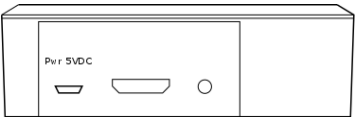
Nexi-2 Specification

Operation Voltage: 5V
 Maximum current consumption: 2A
 Operation temperature: 25C, in-door only
 Operation humidity: 5-95%

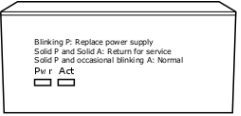
Overview



Top View



Front View

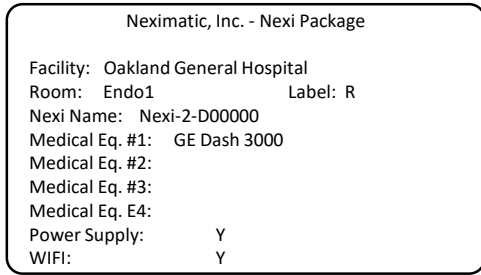


Side View

Installation

Configuration of the Nexi-2

A Nexi-2 can stream medical data from different medical devices to multiple electronic health record systems via WIFI or Ethernet network. The Nexi-2 included is already configured for the specific medical devices and the network. Please check the package label for the configuration.



Nexi Package Label

Connecting medical device specific cable to Nexi-2

A Nexi-2 can connect to different medical devices by different medical device specific cables. Please follow a separate Cable Assembly Installation Guide.

Connect to the local network to the Nexi-2

If using WIFI, connect the included WIFI adapter to the Nexi-2. Only the included WIFI adapter is compatible to Nexi-2. Nexi-2 supports 2.4GHz WIFI with WPA2 security. If using Ethernet, connect one end of an Ethernet cable to the Ethernet port of the Nexi-2 and connect the other end of the Ethernet cable to a live network jack.

Connect power to the Nexi-2

Connect the included power supply to the Pwr port. Only the included power supply is compatible to Nexi-2. Observe the Pwr light becomes solid red. A solid Pwr light and an occasionally blinking Act light indicate normal operation.

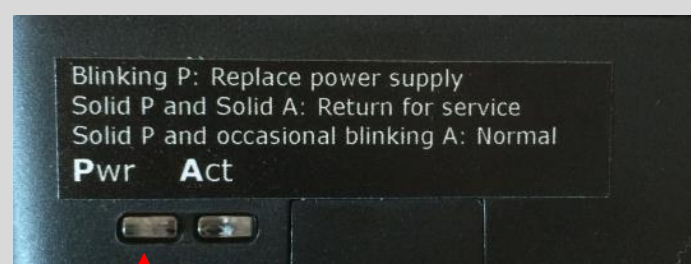
Confirm functionality of the solution

Either utilizing the Nexi Mobile View or working with a Neximatic personnel to verify the vital sign streaming functionality.

Mounting the Nexi-2

The Nexi-2 is a light-weight computing platform. It must be mounted up-right on any flat surface without any obstruction to any display of any medical devices. It can be mounted using hook/loop fasteners such that Nexi-2 can be mount and unmount easily. Follow fastener's instruction of application. Cables and power cord must be managed. Some slack on the power cord at the Nexi-2 must be provided to allow unplug/re-plug of the power cord to the Nexi-2.

Nexi-2-Dxxxxx



First, we will check the power.

Locate the Power Light (Pwr) on the side.

Power Light should be solid RED.

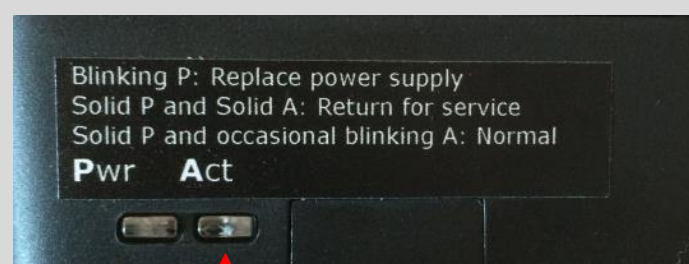
Is the Power Light solid RED?

If no Power Light, please plug in power.

If the Power Light is blinking, request and replace with a compatible power supply. DO NOT use any USB power supply. Many USB power supplies cannot provide enough power to the Nexi.

Make sure the power cord is clipped by the cord clip.

Nexi-2-Dxxxxx



Next, we will check if the Nexi is running normally.

Locate the Activity Light (Act) on the side.

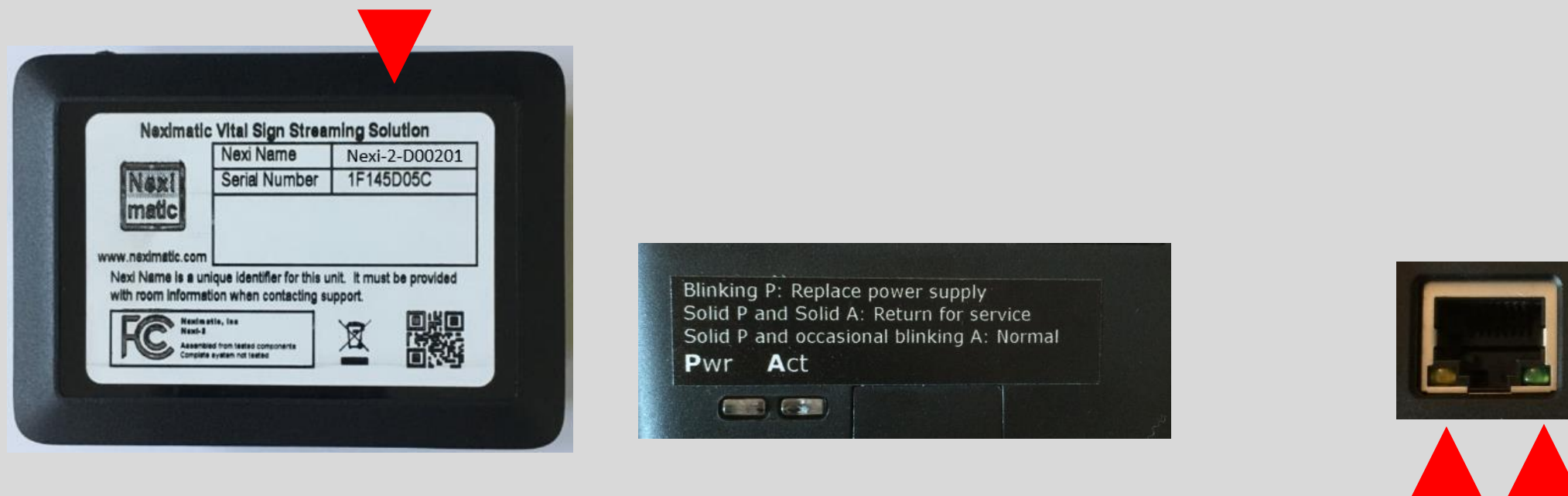
A blinking Activity Light is normal. The color is green. The blinking is sporadic.

Is the Activity Light blinking?

If Activity Light is off for more than 1 minute or it is constantly on for more than 1 minute, then there is an internal problem.

Please contact Neximatic for support.

Nexi-2-Dxxxxx



Next, we will check the networking (Ethernet).

If using Ethernet networking, check the lights on the Ethernet port on the side of the Nexi.

A light should be solid, and the other light should be blinking sporadically.

Are the lights on the Ethernet ok?

If the lights are off, check the following:

- Is the Ethernet cable connected?
- Is the wall Ethernet jet activated?

If static IP is used in the facility, the lights can be on but the Nexi still cannot use the network.

Please ask IT to ping this Nexi. IT would need to know the Nexi's hostname, which is the Nexi Name on the label.

If IT cannot ping this Nexi, the Nexi cannot access the network. Please contact Neximatic with local IT contact information.

Is there any recent change on the network?

If there is, please contact Neximatic with local IT contact information.

Nexi-2-Dxxxxx



Nexi, we will check the networking (WIFI).

If using WIFI networking, Nexi-2 requires a USB WIFI adapter.

Is the USB WIFI adapter plugged into the Nexi?

If not, plug in a compatible USB WIFI adapter. DO NOT plug in any USB WIFI adapter. Not all USB WIFI adapter is compatible to the Nexi.

Is light on the USB WIFI adapter blinking?

If not, the USB WIFI adapter may be not functional. Request and replace a compatible USB WIFI adapter.

Ask IT if it can ping this Nexi. IT would need to know the Nexi's hostname, which is the Nexi Name on the label.

Can IT ping this Nexi?

If IT cannot ping this Nexi, the Nexi cannot access the network. Please contact Neximatic with local IT contact information.

Is there any recent change on the network (SSID, Password and etc)?

If there is, please contact Neximatic with local IT contact information.

Nexi-2-Dxxxxx

Medical Devices in the Room				
	Medical Device #1	Medical Device #2	Medical Device #3	Medical Device #4
Make	Mindray	Datex Ohmeda		
Model	Passport V	Aespire		
Interface used	SP1	Serial Port		
Configuration	Configuration			



Next, we will check the medical devices and any settings.

Go to Extended View.

Go to Medical Devices and Cables.

There is the information of the medical devices in this room

The Nexi is configured specifically for the medical devices.

Are the medical devices on that page correct?

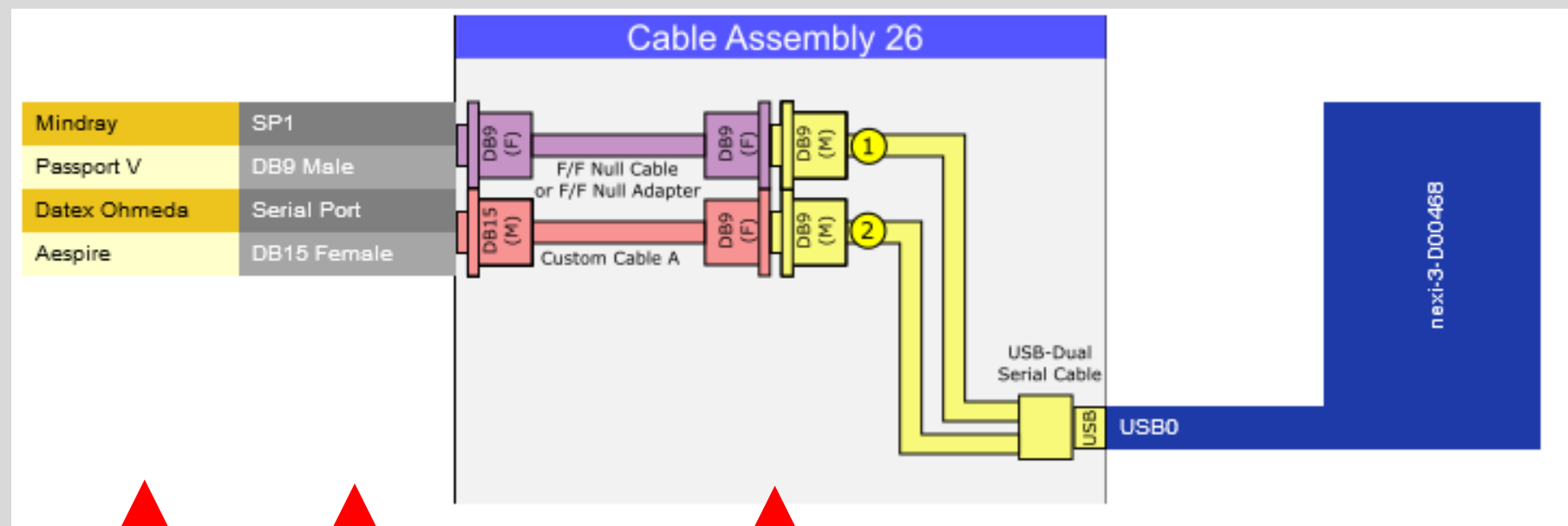
If no, take pictures of the medical devices showing the Make/Model and then contact Neximatic for reconfiguration.

If a medical device requires any configuration, there will be a "Configuration" in the table.

Is the configuration set on the medical devices?

If no, follow the instruction in "Configuration" to set the medical device.

Nexi-2-Dxxxxx



Next, we will check the cabling.

Go to Extended View.

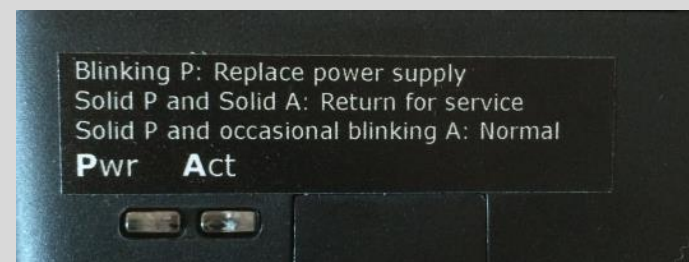
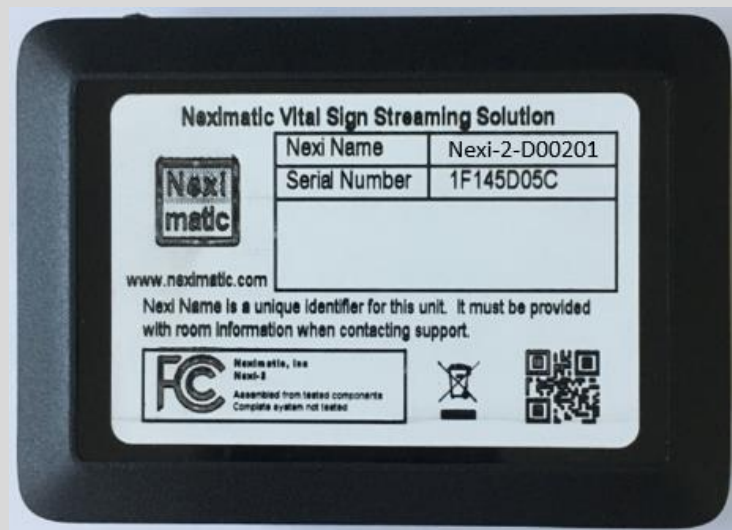
Go to Medical Devices and Cables.

There is information of the cable assembly and how to connect the cable assembly.

Is the cable assembly connected to the correct ports of the medical devices?

If not, follow the diagram and connect the cable assembly correctly.

Nexi-2-Dxxxxx



If there is still problem, please contact Neximatic for support.