



## epoc Blood Analysis System

# NXS Ethernet Cradle Instructions for Use

### Intended Use

The NXS Ethernet Cradle is an accessory to the epoc NXS Host. It provides a hard-wired ethernet link from the epoc NXS Host to a PC or network, as an alternative to the standard wireless network connection, and provides a battery charging function for the epoc NXS Host. The same Cradle item is used for all market countries.

### Introduction

The NXS Ethernet Cradle Instructions for Use includes the following sections:

1. System Description
2. Product List by Region/ Country
3. Cradle Plug Connections
4. epoc NXS Host Settings
5. Using the Cradle to Download Test Results
6. USB Charger Specifications

### System Description

The NXS Ethernet Cradle box consist of:

- 1 x NXS Ethernet Cradle
- 1 x USB-C to USB-C cable



Figure 1 NXS Ethernet Cradle + USB-C cable

An ethernet cable and USB charger are also required to use the System (Figure 2). These are ordered separately.



Figure 2 USB-C Charger + Ethernet cable

The USB charger both powers the NXS Ethernet Cradle and charges the NXS Host battery. Two standard versions of the USB charger are available for the US and EU markets. See [Product List](#).

### Product List, by Region/ Country

SMN	Description	Region
11413768	NXS Ethernet Cradle	all
11413835	USB Charger, PD470 Ethernet, US	US
11413836	USB Charger, PD470 Ethernet, EU	EU

For regions not listed above, a locally sourced USB charger is required. A minimum power output of 27W is needed. See [USB Charger Specifications](#).

### Cradle Plug Connections

*Note: The NXS Ethernet Cradle should be connected to a network that allows bidirectional communications.*

1. Collect the parts required to connect the NXS Ethernet Cradle (Figures 3 and 4).



Figure 3 USB-C charger + USB-C cable + Ethernet cable



Figure 4 NXS Ethernet Cradle (rear view)

2. Plug one side of the USB-C cable into the USB charger and the other side of the USB-C cable into the NXS Ethernet Cradle (Figure 5). Plug the USB charger into a power outlet.

*Note: After successful connection, the LAN light will be solid blue. The green light on the ethernet connector will turn on.*



Figure 5 USB-C connections

3. Plug the ethernet cable into the NXS Ethernet Cradle (Figure 6). Connect the ethernet cable to the network.

*Note: After successful connection, the LAN light will appear to be off, but will occasionally blink. The light on the ethernet connector will be orange.*



Figure 6 Ethernet connection with indicator lights

4. If the original (grey) cradle is installed, remove it from the NXS Host as per instructions in the epoc NXS Host Quick Start Guide.
5. Ensure the NXS Host is clean and free of contaminants, then insert the NXS Host into the NXS Ethernet Cradle (Figure 7).

*Note: Refer to the epoc System Manual for Host cleaning instructions.*

*Note: After successful connection, the POWER light will be solid red and the LAN light will blink blue for few seconds.*



Figure 7 epoc NXS Host connection

*Note: The NXS Host can be removed from the NXS Ethernet Cradle to perform a card test.*

### epoc NXS Host Settings

1. Turn On the NXS Host (Figure 7), then Login using the administrator account. The epoc Home page will appear (Figure 8).

*Note: The default password for the administrator account is administrator.*

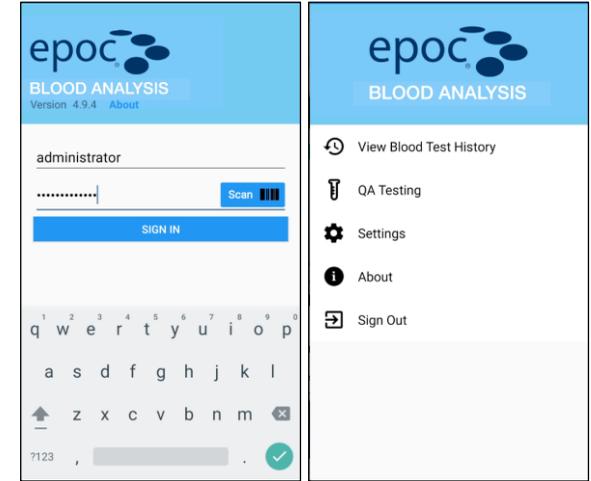


Figure 8 Login Screen + epoc Home page

2. Tap **Settings**. The following menu will appear (Figure 9).

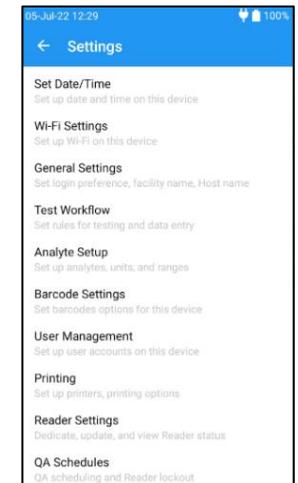


Figure 9 Settings Screen

3. Tap **Wi-Fi Settings**. The following menu will appear (Figure 10). Slide **Use Wi-Fi** to off (Figure 10).

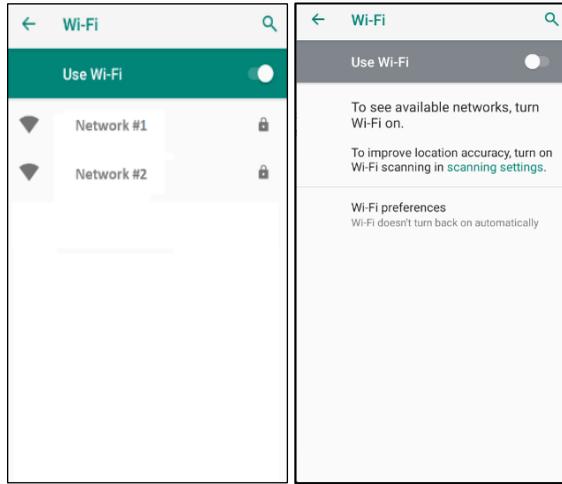


Figure 10 Wi-Fi Settings screen, Use Wi-Fi on + off

4. Tap the back arrow to return to Settings. Swipe up, then tap **Data Management**. The following menu will appear (Figure 11).



Figure 11 Data Management Settings screen

5. Slide **Data Management Available** to on. The following menu will appear (Figure 12).

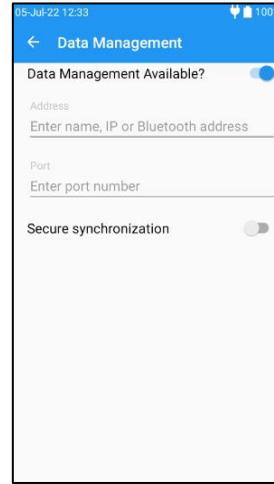


Figure 12 Data Management screen

6. Enter the IP Address and Port number provided by the data manager, then tap **Test Connection**. If connection is successful, the “Connection succeeded” message will be displayed (Figure 13). If connection fails, contact the IT department to provide the correct IP address and Port number.

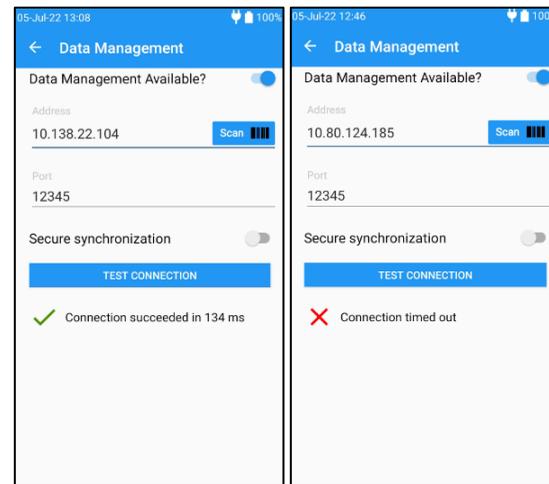


Figure 13 IP Address/Port # screen, connection pass + fail

7. Tap the back arrow twice to return to the epoc Home page. Tap **Sign Out**, then tap **Yes**.

## Using the Cradle to Download Test Results

*Note: The NXS Host must be connected to the NXS Ethernet Cradle to successfully transmit test results where Wi-Fi has been turned off.*

1. Login to the epoc NXS Host application. The following menu will appear (Figure 14).

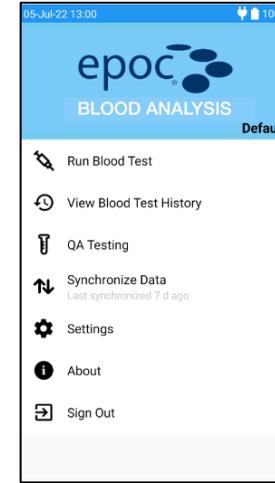


Figure 14 epoc Home page

2. Tap **Synchronize Data**. The test results will be sent to the data manager. The following screen will appear (Figure 15). Tap **Close**. If connection with data manager fails, repeat the steps to setup the network connection. See **epoc NXS Host Settings**.

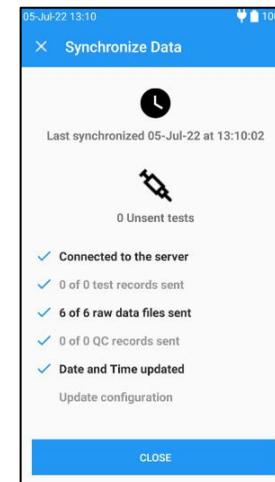


Figure 15 Synchronize Data Screen

## USB Charger Specifications

*Note: An under-powered USB charger will not provide enough power to run the NXS Ethernet Cradle and the Cradle will not function as expected.*

Use the following specifications to locally source a USB charger.

### USB Charger Specifications

Characteristic	Specification
Output Connector	USB-C female
Voltage Input	90 – 264 VAC
Voltage Output	5V, 9V, 12V, 15V
Current Output (max)	3A, 3A, 2.25A, 1.8A
Power (Watts)	27W

## Questions

If you have any questions, please contact Siemens Healthineers Remote Services Center or your local Siemens technical support representative.

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