TSI | BlueSky™

OBTAINING THE MAC® ADDRESS OF A BLUESKY™ MONITOR
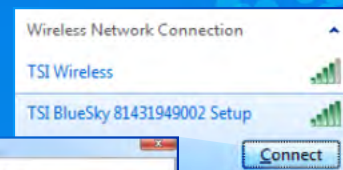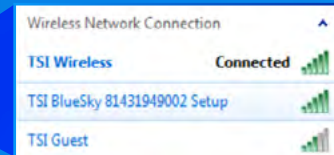### Using a Windows® Laptop or PC

Background

In order for the BlueSky™ monitor to access some Wi-Fi networks, its Mac® address is required to be submitted to an IT department for approval. This document describes the procedure used to obtain that information.

Required Equipment

• Laptop or PC running Windows
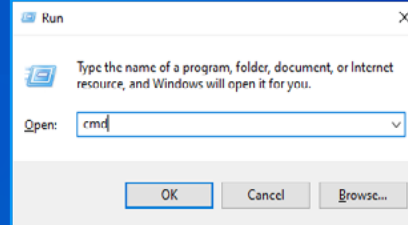• BlueSky™ monitor
• BlueSky monitor power supply

Procedure

1) Plug the BlueSky monitor into its power supply and move the switch to the SETUP position.

2) The green LED should be on continuously except blinking off once a second. This indicates that the BlueSky monitor is ready for configuration of its Wi-Fi settings.

3) Using your laptop/PC, look for the BlueSky Wi-Fi SSID (Service Set Identifier). The SSID is indicated as TSI BlueSky-8143YYWWXXX Setup, which includes the monitor's serial number.

4) Click on the monitor's network and click Connect. You will be prompted to enter a security key. The security key can be found on the label of the monitor or on the other label that was placed on the quick start guide. Enter the security key and click OK.

Wireless Network Connection

TSI Wireless	Connected
TSI BlueSky 81431949002 Setup	
TSI Guest	

Wireless Network Connection

TSI Wireless
TSI BlueSky 81431949002 Setup

Connect

Connect to a Network

Type the network security key

Security key: f644-d1714ee1
☐ Hide characters

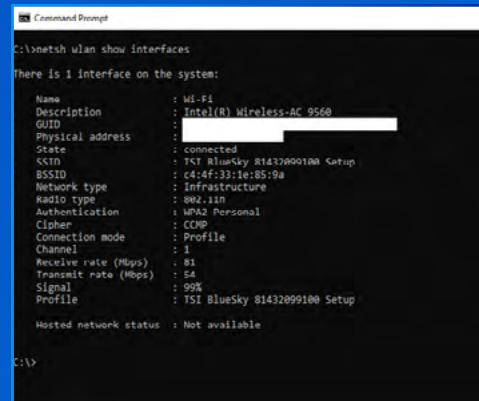OK   Cancel

Procedure *continued*

5) After you are connected to the monitor's network, press the following keys `Win` + `R` to start a Command Prompt (or search for "Run" in apps). This will display the following window. Type the word "cmd" as shown (to the right) into the window and click OK.

6) The Command Prompt window will appear. Type the following into the window and press Enter:

   netsh wlan show interfaces

   See example of what will appear to the right.

7) Locate the block of text that starts with the line:

   Name   : Wi-Fi

   Within that block, locate the line that starts with
   BSSID   :

   The text after the ":" is the BSSID Mac® address that be converted to obtain the BlueSky™ monitor's Mac® address. In the example, the BSSID Mac® address is c4:4f:33:1e:85:9a.

8) To convert this to get the BlueSky™ monitor's Mac® address, the last character (a in the example) needs to adjusted. Use the following table:

   For the example BSSID Mac® address:
   c4:4f:33:1e:85:9a is converted to
   c4:4f:33:1e:85:99

   This converted address is the BlueSky™ monitor's Mac® address. This can be given to the IT department to allow the BlueSky monitor to access the Wi-Fi network.

9) Once access to the Wi-Fi network is granted by the IT department, the BlueSky monitor can be added to the Wi-Fi network using the instructions found in the BlueSky Quick Start Guide or Manual.

If last character is:	Replace it with:
1	0
2	1
3	2
4	3
5	4
6	5
7	6
8	7
9	8
a	9
b	a
c	b
d	c
e	d
f	e

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