

(Continued)

7 | Check Your Setup

If your device is connected and configured correctly, you will see the following LED Status:

COMM: Red / Blinking Red
LINK: Green
POST: Green
POWER: Blue

8 | Troubleshooting

LED	Color	Airborne Device State
POWER	Off	Adapter is not powered.
	Blue	Adapter is powered.
POST	Off	Adapter is not powered.
	Red	Adapter failed Power On Self Test ("POST") and is not configured for wireless communication.
	Amber	Adapter passed POST but is not configured for wireless network communication.
LINK	Green	Adapter passed POST and is configured for wireless communication.
	Off	Adapter is not powered.
	Red / Off	(Periodic Blinking) Adapter is searching for a valid network (Access Point) that matches device's configuration.
COMM	Green	Adapter has successfully associated with an Access Point.
	Off	If Power LED is also Off, then Adapter is not powered. If Power LED is On then, No TCP session from WLAN or Ethernet interface has been established.
	Red / Blinking Red	A TCP connection has been established.


Recommended Accessories

Model MDR-20-24
120VAC/5VDC Power Supply

or

Model PS-WDS
Power Supply with Appropriate Cord (North America, EU, UK)

Model C5UMB10FBG
Ethernet Cable



B+B SMARTWORX

Powered by **ADVANTECH**

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Document Number: 710-11429-00_R0_ABDx-ER-IN50xx_0817qsg

+ QUICK START GUIDE



ABDN-ER-IN501x

Industrial Wireless Ethernet Bridge/Router

Before you begin, be sure you have the following:

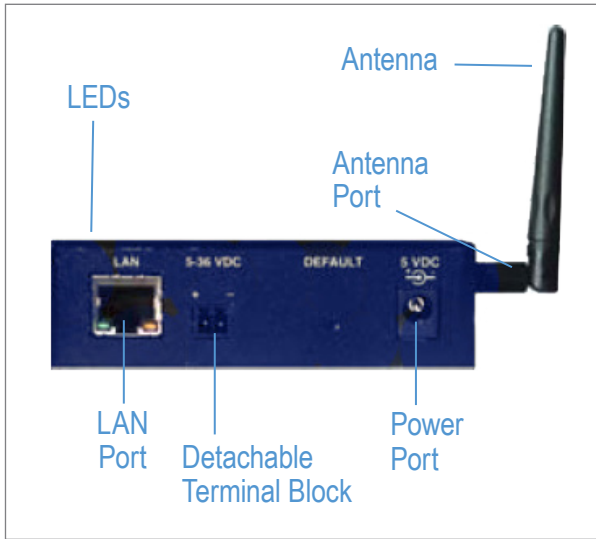
- + Wireless Ethernet Bridge/Router Product (ABDN-ER-IN5010 or ABDN-ER-IN5018)
- + CD with Airborne Management Center Software
- + 50 Ohm, omni-directional antenna
- + 5-36 VDC power for terminal block or a 5 VDC power supply (not included)

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Fast and easy on the web: www.advantech-bb.com

Product Overview



1 Attach the Antenna

Connect the Antenna to the antenna connector located on the side of the device.

2 Connect Ethernet

Connect a Cat5 Ethernet cable between the device and an Ethernet port on a host computer.

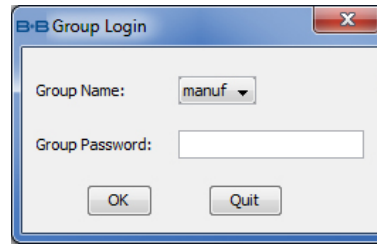
3 Connect Power Supply

Connect the 5-36 VDC terminal block attachment or use an AC power supply (optional). Alternatively, the IN50x8 models support PoE and can be powered by a PSE device supporting 802.3af, Class 1.

4 Connect To The Device

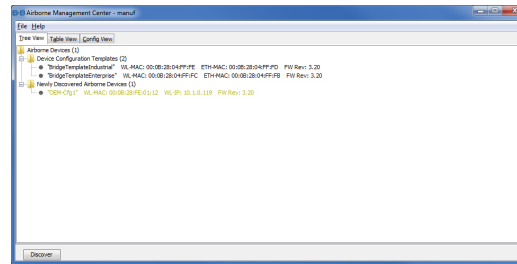
Run the Airborne Management Center (AMC) application. If you don't currently have AMC installed, you can install it from the included CD or download and install it from the B+B SmartWorx website. Just search for the model number and follow the links to download software from the Downloads section of the product page.

When AMC starts, it will request a login:



Select Group Name: "manuf" and enter Group Password: "dpac"

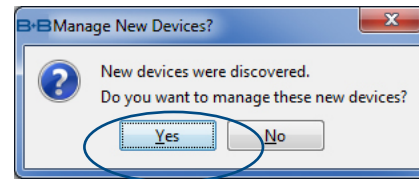
AMC will load and discover the attached device:



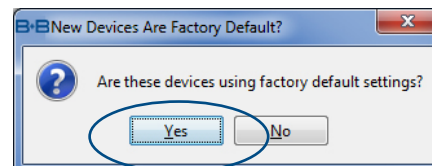
Note: You may be required to wait up to 180 seconds before the device is discovered and displayed.

5 Manage The Device

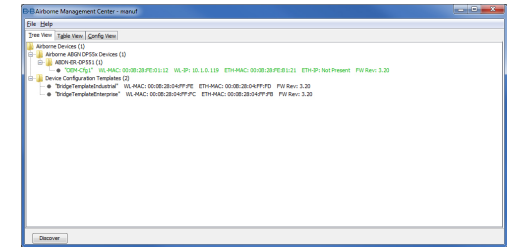
AMC will ask if you want to manage the new device, select 'Yes':



Select 'Yes' to indicate device is using Factory Default settings:

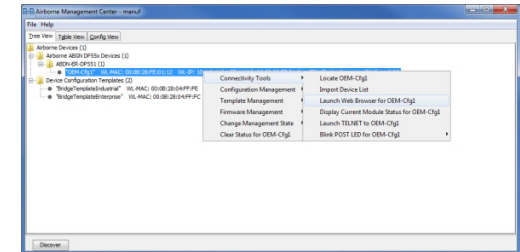


AMC will display the found Airborne device(s):



Tip: To easily convert a Direct Ethernet device to a bridge, use the Bridge Templates in AMC. For additional information, search the B+B Knowledge base for "bridge templates".

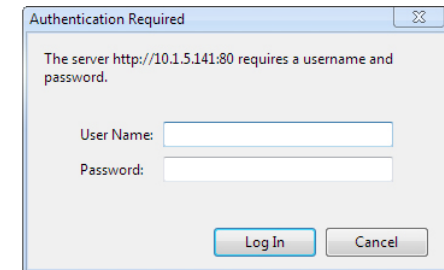
Right click the device's name. Under "Connectivity Tools" choose "launch Web browser for OEM-Cfg1." This will open the device's browser-based management window.



6 Configure Your Device

Login to web interface:

Username "dpac"
Password: "dpac"



Continue configuration via the Web interface. Start with the Configuration -> Express Setup page.

Note: Use the Help features of the interface to help you configure the device. When you are done configuring the device, press 'Commit' to save the changes, then 'Restart' to restart the device. You can optionally press 'Reload' if you have further configuration changes to make.

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