Venco
BUSINESS SOLUTIONS

P2P Wireless Bridge User Guide

Overview:

Thank you for purchasing a Point-to-Point (P2P) Wireless Bridge from Venco Business Solutions.

The P2P Wireless Bridge allows you to wirelessly transmit an existing Internet connection (DSL, cable modem, etc) to your ATM or Jukebox. Simply plug in the included Transmitter to the Internet connec-tion, and the included Receiver to your ATM or Jukebox and wirelessly transmit the signal up to 300 feet though walls, floors, etc.

All components come pre-configured from our factory, and require no changes in configuration for any of your existing Internet connectivity. The P2P Wireless Bridge is ready to use right out of the box, making it a true plug-and-play solution!

This guide will help you install and deploy your new P2P Wireless Bridge. Should you have ques-tions, please call our technical support line at (800) 762-9962, or visit us online at www.vencosolutions.com.

** Note, the P2P Wireless Bridge is compatible with TCP/IP capable ATMs.

Package Contents:

- The P2P Wireless Bridge is comprised of:
  one (1) Transmitter, one (1) Receiver, and four (4) Ethernet cables.

- The Transmitter and Receiver boxes each contain:

Power adapter   Transmitter or Receiver   (2) CAT-5 Cables
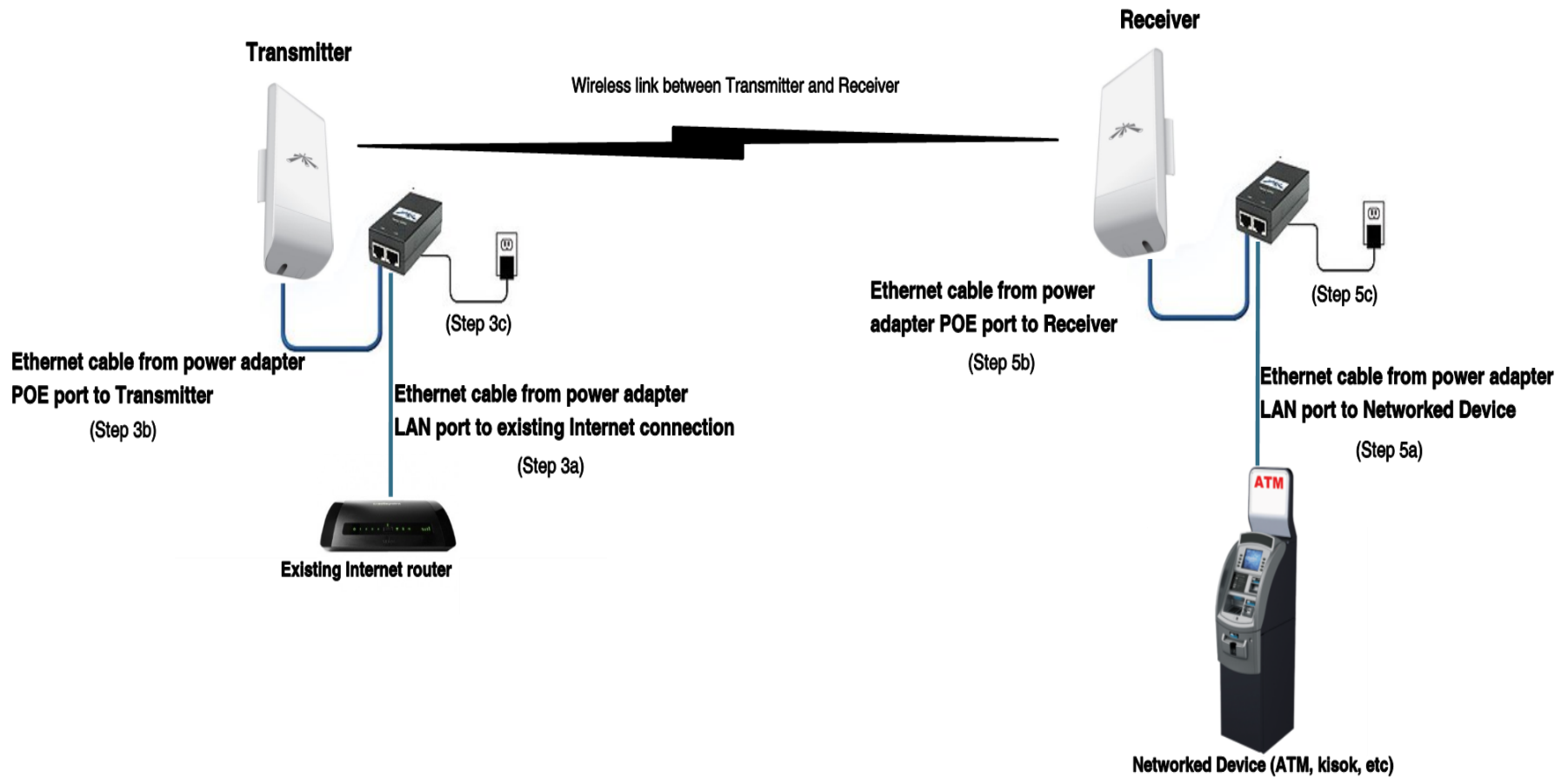
Setup Instructions:

*** Please refer to the System Diagram (in the Appendix), in conjunction with the
instructions below to set up your PTP Wireless Bridge.*

1. Power off the networked device (ATM, kiosk, etc).

2. Connect the Transmitter to your existing Internet connection
    (see diagram in the Appendix)
    A. First, connect an Ethernet cable from LAN port of the Transmitter's power adapter to an available LAN port on your existing Internet modem/router.
    B. Next, connect an Ethernet cable from the POE port of the Transmitter's power adapter to the LAN port of the Transmitter itself.
    C. Finally, plug the power adapter for the Transmitter into an electrical wall outlet.

3. Connect the Receiver to the ATM *(see diagram in the Appendix)*
    A. First, connect an Ethernet cable from the LAN port of the Receiver's power adapter to the Ethernet port on the ATM.
    B. Next, connect an Ethernet cable from the POE port of the Receiver's power adapter to the LAN port of the Receiver itself.
    C. Finally, plug the power adapter for the Transmitter into an electrical wall outlet.

4. Place the Receiver inside the top of the ATM, pointing in the direction of the Transmitter.

5. Configure the ATM for TCP/IP processing (consult your Processor), and reboot the ATM.

*** Signal meters, (located on the back panel of the Transmitter and Receiver) indicate the signal strength of the wireless connection between the Transmitter and Receiver. Slight variations in alignment of the Transmitter and Receiver may be required to
obtain the most favorable signal. Since every environment is different, we cannot
guarantee the range of the PTP Wireless Bridge; however, we have successfully tested at ranges of 300 feet through walls and other obstacles, and at ranges of 1,500 feet with clear line of sight.*

P2P Wireless Bridge System Diagram:

Receiver

Transmitter

Wireless link between Transmitter and Receiver

Ethernet cable from power
adapter POE port to Receiver

(Step 5b)

(Step 5c)

(Step 3c)

Ethernet cable from power adapter
POE port to Transmitter

(Step 3b)

Ethernet cable from power adapter
LAN port to Networked Device

(Step 5a)

Ethernet cable from power adapter
LAN port to existing Internet connection

(Step 3a)

ATM

Existing Internet router

Networked Device (ATM, kisok, etc)

Troubleshooting:

Do NOT press the reset but at anytime

Each P2P Wireless Bridge is thoroughly tested in our factory prior to shipping. Should you experience problems with your P2P Wireless Bridge, please verify that all setup instructions in this guide were followed appropriately, and refer to the following Troubleshooting steps. If you are still experiencing problems, please contact our technical support team at (800) 762-9962.

If your Networked Device (ATM, kiosk, etc) is experiencing connectivity issues:

- Perform a power reset, by unplugging the power cords of the PTP Wireless Bridge Transmitter, Receiver, existing Internet connection, and your ATM. Wait 10 seconds, then plug in the power cord for your Internet connection first. Wait 60 seconds, then plug in the power cords of the PTP Wireless Bridge Transmitter, Receiver, and your ATM.
- The P2P Wireless Bridge relies on your existing Internet connectivity. If a power reset does not remediate connectivity issue, it is possible that connectivity issues may be due to problems with the existing Internet connection, and not the P2P Wireless Bridge. To confirm if the P2P wireless Bridge is operating effectively, refer to the signal meter on the back of the Transmitter and Receiver. If the signal meter indicates three or four signal bars, the bridge is operating effectively.
- If three or four bars are indicated on the signal meter, and you are still having connectivity issues, it may be necessary to contact your Internet provider's technical support to troubleshoot issues with your existing Internet connectivity.

If the signal meter on the back of the Transmitter or Receiver is indicating a weak signal (two bars or less):

- If a weak signal (two bars or less) is indicated on the back of the Transmitter or Receiver, it may be necessary to move the Transmitter or Receiver to obtain more clear line-of-sight. A better line-of-sight between the Transmitter and Receiver will result in a better wireless signal.

If no lights at all are illuminated on the back of the Transmitter or Receiver:
- If no lights at all are illuminated on the back of the Transmitter or Receiver, please refer to the Setup Instructions (pg. 3) and System Diagram (pg. 4) to ensure that all setup steps were followed appropriately. Also, ensure that the electric outlet that the power adapter is plugged into is working effectively.

Mounting/Aiming:

Transmitter/Receiver can be either mounted on existing brackets/walls/etc, or laid on its side. Users should experiment with both methods to maximize signal quality.

Option 1: Position Transmitter or Receiver on its side, aiming in the general direction of the other.
 other.

Option 2: Attach Transmitter or Receiver to rails, generic mounting brackets, etc, using cable ties. Aim Transmitter/Receiver toward each other for best signal strength.