Ubiquiti BulletAC-IP67 Wireless Router Bridge Mode

This tech note describes how to setup two Ubiquiti BulletAC-IP67 Routers in bridge mode to facilitate a long distance WiFi link for a Rapidlogger System.



Equipment needed:

BulletAC-IP67 Router 2 each
2 Antennas with N-Type connectors
2 Ethernet cords
2 POE adapters
2 24V power supply

Factory Set Passwords:

Login admin Password Rapidlogger-bridge

Hardware Assembly

- 1. Unscrew the Cable Gland Body and remove it from the BulletAC.
- 2. Unscrew the *Compression Nut* and push out the *Compression Seal* from inside of the *Cable Gland Body*.
- 3. Slide the Ethernet Cable through the Compression Nut.
- 4. Open the Compression Seal and slip it on around the Ethernet Cable.
- 5. Run the Ethernet Cable through the Cable Gland Body.
- 6. Connect the Ethernet Cable to the Ethernet Port on your BulletAC.
- 7. Fit the Compression Seal back into the bottom of the Cable Gland Body.
- 8. Screw the Compression Nut to the Cable Gland Body .
- 9. Tightly Screw the Cable Gland Body to the BulletAC Radio.
- 10. Connect the BulletAC to the N-Type connector of your antenna.

Connecting Through Web Portal

- Connect to your Bullet AC through Wi-Fi using the SSID named: BulletAC-IP67:<MAC Address>.
- The MAC Address can be found on the bottom of the shipping box with a (G) before it.
- 3. The MAC Address can also be found on the bottom of the BulletAC under the Ethernet Port.
- 4. Launch a web browser and go to the URL http://setup.ui.com
- 5. Select your Country and Language, agree to the Terms of Use and click Continue.
- 6. Create a Username and Password, confirm by pressing Save.
- 7. In the Wireless section, choose your antenna.
- 8. Change settings to your preferences and press the Save Changes button at the bottom of the screen.
- 9. In a bridge configuration one of the two devices needs to be configured as an access point (AP PtP) and one device has to be configured as a Station (Station PtP)
- 10. For the device being setup as access point upload the Setup File called "AccessPntSetupRapidloggerBridge.cfg"
- 11. For the device being setup as station upload the Setup File called "StationSetupRapidloggerBridge.cfg"
- 12. The menu option to upload setup file is under Settings->System->Upload Configuration
- 13. Alternately all of the settings can also be performed from the Android APP from Ubiquiti called UNMS

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			MANAGEMENT IP ADDRESS	DHCP OSTATIC			STP	OFF			
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			NETMASK	255.255.255.0			AUTO IP ALIASING	ON			
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			PRIMARY DNS IP				IPV6	OFF			
			SECONDARY DNS IP								
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Testing

1. Once configuration is completed, connect the cables to a Rapid logger system.