

Setup of a WT5-UNS Wireless Bridge:

- First plug in and login to the first unit. The default IP Address is 192.168.1.20
- The default username/password is *ubnt/ubnt*.
- Select “Network” and change the units IP Address, for example:

Network Role

Network Mode:

Disable Network:

Network Settings

Bridge IP Address: DHCP Static

IP Address:

Netmask:

Gateway IP:

Primary DNS IP:

Secondary DNS IP:

MTU:

Spanning Tree Protocol:

Auto IP Aliasing:

IP Aliases:

- Then Select “Change” and “Apply”
- Select “Wireless” and change the units Wireless Mode & Security, for example:

Basic Wireless Settings

Wireless Mode:[?]

SSID: Hide SSID

Country Code: Obey Regulatory Rules

IEEE 802.11 Mode:

DFS: Enable

Channel Width:[?]

Channel Shifting:[?]

Frequency, MHz:

Extension Channel:

Frequency List, MHz: Enabled

Output Power: 20 dBm

Max TX Rate, Mbps: Automatic

Wireless Security

Security:

WPA Authentication:

WPA Preshared Key: Show

MAC ACL: Enabled

- Then Select “Change” and “Apply”
- Unplug the first unit from your network but leave it powered up.
- Now plug in and login to the second unit. The default IP Address is 192.168.1.20
- The default username/password is *ubnt/ubnt*.
- Select “Network” and change the units IP Address, for example:

Network Role

Network Mode: Bridge

Disable Network: None

Network Settings

Bridge IP Address: DHCP Static

IP Address: 172.20.20.30

Netmask: 255.255.255.224

Gateway IP: 172.20.20.1

Primary DNS IP:

Secondary DNS IP:

MTU: 1500

Spanning Tree Protocol:

Auto IP Aliasing:

IP Aliases: [Configure...](#)

- Then Select “Change” and “Apply”
- Select “Wireless” and change the units Wireless Mode & Security, for example:

Basic Wireless Settings

Wireless Mode:[?] Station

SSID: ubnt [Select...](#)

Lock to AP MAC:

Country Code: Australia Obey Regulatory Rules

IEEE 802.11 Mode: A/N mixed

DFS: Enable

Channel Width:[?] Auto 20/40 MHz

Channel Shifting:[?] Disabled

Frequency Scan List, MHz: Enabled

Output Power: 20 dBm

Max TX Rate, Mbps: MCS 15 - 130 [300] Automatic

Wireless Security

Security: WPA2-AES

WPA Authentication: PSK

WPA Preshared Key: 1q2w3e4r5t6y7u8i Show

- You should now be finished setting up the wireless bridge.
- You can test it by making sure the first unit is still disconnected from the wired network. Then login to its web interface on 172.20.20.29. If you are successful, your wireless bridge is operational and you should see the following:

Status

Device Name: UBNT	AP MAC: 00:27:22:1C:C0:45
Network Mode: Bridge	Connections: 1
Wireless Mode: Access Point	Noise Floor: -89 dBm
SSID: ubnt	Transmit CCQ: 82.8 %
Security: WPA2-AES	AirMax: Enabled
Version: v5.3	AirMax Quality:  89 %
Uptime: 01:07:47	AirMax Capacity:  66 %
Date: 2011-01-14 15:49:44	
Channel/Frequency: 100 / 5500 MHz	
Channel Width: 40 MHz (Upper)	
ACK/Distance: 28 / 0.1 miles (0.2 km)	
TX/RX Chains: 2X2	
WLAN MAC: 00:27:22:1C:C0:45	
LAN MAC: 00:27:22:1D:C0:45	
LAN1/LAN2: Unplugged / Unplugged	

