

# Securing your wireless Arris WTM652

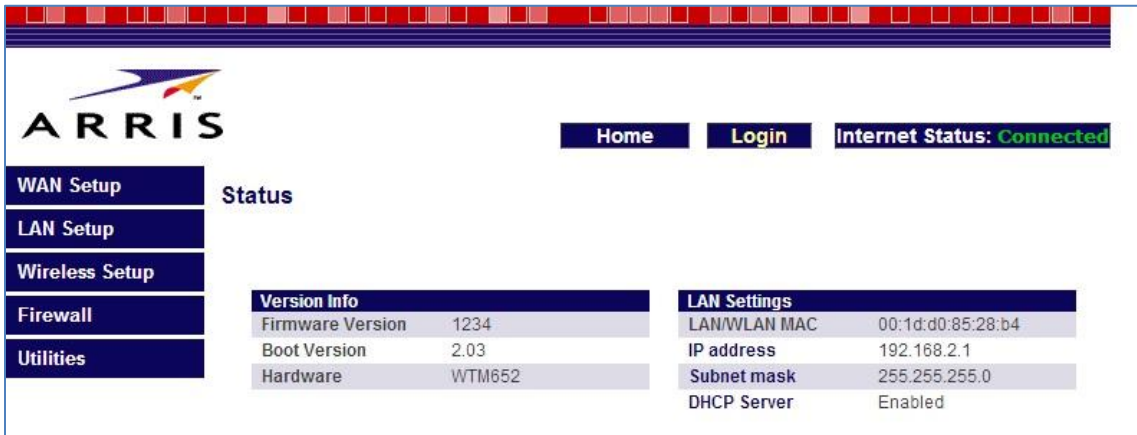
Step 1: Directly connect your computer to Arris WTM652 cable modem via an Ethernet cable.



Step 2: Open your browser (example: Internet Explorer) and enter the following URL: 192.168.2.1

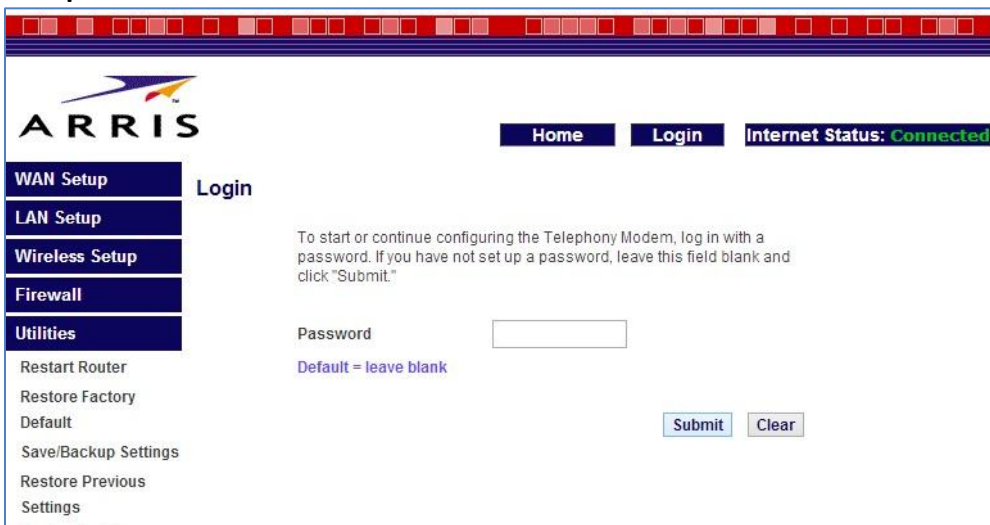


Step 3: Click on the "Login"



Version Info		LAN Settings	
Firmware Version	1234	LAN/WLAN MAC	00:1d:d0:85:28:b4
Boot Version	2.03	IP address	192.168.2.1
Hardware	WTM652	Subnet mask	255.255.255.0
		DHCP Server	Enabled

Step 4: Click on "Submit"



To start or continue configuring the Telephony Modem, log in with a password. If you have not set up a password, leave this field blank and click "Submit."

Password

Default = leave blank

Step 5: Click on "Wireless Setup"

*TIP: SSID is the name of the wireless network. You may change that to whatever you choose.*

The screenshot shows the ARRIS router configuration interface. At the top left is the ARRIS logo. To the right are navigation buttons for "Home", "Logout", and "Internet Status: Connected". A left sidebar contains menu items: "WAN Setup", "LAN Setup", "Wireless Setup" (highlighted), "Channel and SSID" (highlighted), "Security", "Wi-Fi Protected Setup", "Use as Access Point", "MAC Address Control", "Firewall", and "Utilities". The main content area is titled "Channel and SSID" and includes the instruction: "Change the basic wireless network settings, such as Channel and SSID, on this page. ?". The settings are as follows: "Wireless Channel" is a dropdown menu set to "11"; "SSID" is a text input field containing "arris54g"; "Wireless Mode" is a dropdown menu set to "g and b"; "Broadcast SSID" is a checked checkbox with a "?" icon; "Protected Mode" is a dropdown menu set to "on" with a "?" icon. Below this is a "QoS Configuration" section with "802.11e QoS" set to "off" with a "?" icon. At the bottom right are "Save" and "Cancel" buttons.

then click on Security to the Left and Select a "Security Mode"  
We recommend "WPA/WPA2-Personal(PSK)"

The screenshot shows the ARRIS router configuration interface for the "Security" section. The left sidebar is the same as in the previous screenshot, but "Security" is now highlighted. The main content area is titled "Security" and includes the instruction: "Change the Telephony Mode ensure maximum protection. constitutes the best security: WEP (Wired Equivalent Private)". The "Security Mode" dropdown menu is open, showing the following options: "Disabled", "Disabled", "WPA/WPA2-Personal(PSK)" (highlighted in blue), "WPA/WPA2-Enterprise", "128bit WEP", and "64bit WEP". To the right of the dropdown, there is a partial instruction: "is page. Security should be enabled to provides dynamic key changes and less devices no not support WPA, use". At the bottom right is a "Save" button.

Step 6: Type a password of your choice. Click "Save."  
*TIP- Write it down and tape to bottom of your modem.*

The screenshot shows the ARRIS modem configuration interface. At the top left is the ARRIS logo. To the right are navigation buttons for 'Home', 'Logout', and 'Internet Status: Connected'. A left-hand menu contains several options: 'WAN Setup', 'LAN Setup', 'Wireless Setup', 'Channel and SSID', 'Security' (highlighted in yellow), 'Wi-Fi Protected Setup', 'Use as Access Point', 'MAC Address Control', 'Firewall', and 'Utilities'. The main content area is titled 'Security' and contains the following settings:

- Security Mode: WPA/WPA2-Personal(PSK) (dropdown menu)
- Authentication: WPA-PSK (dropdown menu)
- Encryption Technique: TKIP (dropdown menu)
- Password (PSK) >: [Empty text input field]

Below the Password field, there is a section titled 'WPA/WPA2-Personal (PSK)' with the following text: 'Wireless Protected Access (WPA/WPA2) with a pre-shared key: the key is a "passphrase", in the form of a word, phrase or series of letters and numbers. The key must be between 8 and 63 characters long and can include spaces and symbols. Each client must use the same pre-shared key.' A question mark icon is located at the end of this text.

At the bottom left of the Security section, there is a checkbox labeled 'Obscure PSK' which is currently unchecked. At the bottom center, there are two buttons: 'Save' and 'Cancel'.