

GUIDA RAPIDA

Ottimizzazione Wireless



D-Link[®]

Come rendere stabile la rete wireless del prodotto

ATTENZIONE: E' necessario tenere presente che le prestazioni della rete wireless non dipendono solo dalla configurazione ma soprattutto dalle circostanze ambientali dove viene collocato il prodotto.

1.

Aprire una finestra di un browser e digitare nella barra degli indirizzi 192.168.1.1 (è l'indirizzo ip di default, digitare un altro l'indirizzo ip in caso sia stato modificato)

2.

Effettuare il login alla pagina di configurazione del router. Le credenziali di default, se non modificate in precedenza, sono "admin" e "admin".

3.


Nel menu SETUP -> Wireless Setup fare clic su Manual Wireless Network Setup

The screenshot displays the configuration interface for a DSL-2680 router. At the top, there are navigation tabs: SETUP, ADVANCED, MAINTENANCE, and STATUS. The 'SETUP' tab is highlighted with a red box. On the left sidebar, there are links for ADSL Setup, Wireless Setup (highlighted with a red box), LAN Setup, and Logout. Below these links, there is an 'Internet Offline' status indicator, a language dropdown menu set to 'English', and a 'Reboot' button. The main content area is titled 'WIRELESS SETTINGS' and contains three sections:

- WIRELESS NETWORK SETUP WIZARD**: This section includes a description of the wizard and a button labeled 'Wireless Network Setup Wizard'.
- ADD WIRELESS DEVICE WITH WPS (WI-FI PROTECTED SETUP) WIZARD**: This section includes a description of the wizard and a button labeled 'Add Wireless Device with WPS'.
- MANUAL WIRELESS NETWORK SETUP**: This section includes a warning that manual configuration will destroy an existing network and a button labeled 'Manual Wireless Network Setup' (highlighted with a red box).

4.

Nella sezione WIRELESS NETWORK SETTINGS verificare che sia abilitata l'opzione Enable Wireless, quindi in Wireless Network Name inserire un nome della rete wireless a proprio piacere, verificare che in Enable Auto Channel Scan non vi sia la spunta e nella sezione Wireless Channel selezionare un canale (i canali consigliati sono 1,6 o 11), in 802.11Mode lasciare invariata l'opzione 802.11b+g+n, per ultimo l'opzione Hide Wireless Network deve essere disabilitata.

DSL-2680	SETUP	ADVANCED	MAINTENANCE	STATUS
ADSL Setup	WIRELESS Use this section to configure the wireless settings for your D-Link router. Please note that changes made on this section will also need to be duplicated to your wireless clients and PC. WIRELESS NETWORK SETTINGS Enable Wireless : <input checked="" type="checkbox"/> Wireless Network Name (SSID) : <input type="text" value="D-Link"/> Enable Auto Channel Scan : <input type="checkbox"/> Wireless Channel : <input type="text" value="2.437 GHz - CH 6"/> 802.11 Mode : <input type="text" value="802.11b+g+n"/> Hide Wireless Network : <input type="checkbox"/> WIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA-Personal, and None. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. Security Mode : <input type="text" value="None"/> Please take note of your SSID and security Key as you will need to duplicate the same settings to your wireless devices and PC. <input type="button" value="Apply Settings"/> <input type="button" value="Cancel"/>			
Wireless Setup				
LAN Setup				
Logout				
 Internet Offline English <input type="button" value="v"/> Reboot				

5.

Questa sezione non è obbligatoria ma permette di rendere sicura la rete wireless in modo da prevenire accessi indesiderati alla stessa. Per poter abilitare tale protezione consigliamo la seguente configurazione: nella sezione Security Mode selezionare WPA-Personal , in WPA Mode scegliere Auto (WPA or WPA2) , in Group Key Update Interval lasciare il valore 3600. Per ultimo nella sezione Pre-Shared Key scegliere a proprio piacimento una password.

WIRELESS SECURITY MODE

To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA-Personal, and None. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server.

Security Mode :

WPA

Use **WPA or WPA2** mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest cipher that the client supports will be used. For best security, use **WPA2 Only** mode. This mode uses AES(CCMP) cipher and legacy stations are not allowed access with WPA security. For maximum compatibility, use **WPA Only**. This mode uses TKIP cipher. Some gaming and legacy devices work only in this mode.

To achieve better wireless performance use **WPA2 Only** security mode (or in other words AES cipher).

WPA Mode :

Group Key Update Interval : (seconds)

PRE-SHARED KEY

Pre-Shared Key :

Please take note of your SSID and security Key as you will need to duplicate the same settings to your wireless devices and PC.

6.

Prendere nota dei dettagli di connessione come Il Wireless Network Name (SSID) e la password Pre-Shared Key che dovranno essere inseriti per ciascun dispositivo che si desidera collegare alla rete wireless del DSL-2680