D-Link Access Point (DL-62x) WPA Settings for 802.1X Authentication

This document provides information on how D-Link Access Point *(DL-62x)* can be configured to use with TekRADIUS.

Select "Wireless Settings" option from "Setup" menu. Select "WPA-Enterprise" as **Security Mode** in "Wireless Security Settings" section. Enter TekRADIUS "Listen IP" to **RADIUS Server IP Address** in "EAP (802.1x)" section. Enter Client Secret key configured for the D-Link AP in TekRADIUS to **RADIUS server Shared Secret**.

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 WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.

Security Mode : WPA-Enterprise

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 : Auto (WPA or WPA2)
Group Key Update Interval : 3600 (seconds)

EAP (802.1X)

When WPA enterprise is enabled, the router uses EAP (802.1x) to authenticate clients via a remote RADIUS server.

Authentication Timeout : 60 (minutes)
RADIUS server IP Address : 192.168.10.10
RADIUS server Port : 1812
RADIUS server Shared Secret : radius_shared
MAC Address Authentication : ☐

Advanced >>

Click "Save Settings" at top.