Overview

The Schick WiFi system acquires X-ray images and transmits them to the PC workstation through an 802.11 b/g/n compliant WiFi access point.
A WiFi-compliant wireless router or access point is required to provide the connection between the Schick WiFi Interface and the PC workstation. The wireless interface must be TCP/IP-based and compatible with 802.11b/g/n protocols for transferring data. Access point placement and other office environment factors are critical factors in the ability of the Schick WiFi system to function optimally. Recommendations supplied with the manufacturer's access point will be helpful in this regard, and the following guidelines regarding placement may also be useful.

The access point (or router) should be positioned in a location that offers the Schick WiFi system the best opportunities for maximum signal strength. Keep in mind that system performance may decrease as the distance between the access point and the Schick WiFi system increases. Physical obstructions and electronic interference will also adversely affect signal reception, so customers may wish to spend some time evaluating their office environments when positioning the access point.

Basically any wireless B/G/N router or access point should be compatible with the Schick WiFi system. We recommend that routers or access points be set up prior to installing the Schick WiFi system. To ensure proper operation, IT Professionals/Technicians configuring these devices should be very knowledgeable in both wired and wireless networking.

If WPA2 encryption is selected when setting wireless security, the combination of TKIP and AES settings should also be enabled.

Devices Tested

We have tested the following WiFi AP/Routers with the Schick WiFi system:

- Cisco Access Point WAP4410N
- NETGEAR WNR3500L-100NAS Wireless-N Router
- Linksys WRT54GL Wireless Broadband Router
- TRENDnet TEW-691GR 2.4GHz N450 Wireless Gigabit Router