

Model Thyonet Broadband Quad Wireless Radio - Achilles A400

Frequencies **5GHz Band:**
5150-5850MHz (*)
(*) programmable for different country regulations)

Standard Compliance IEEE 802.11a

Access Method TDD (CSMA/CA)

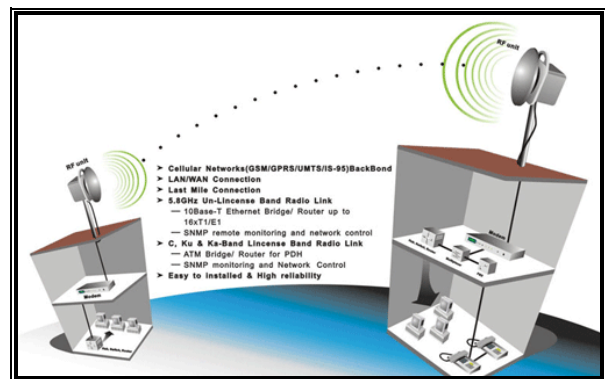
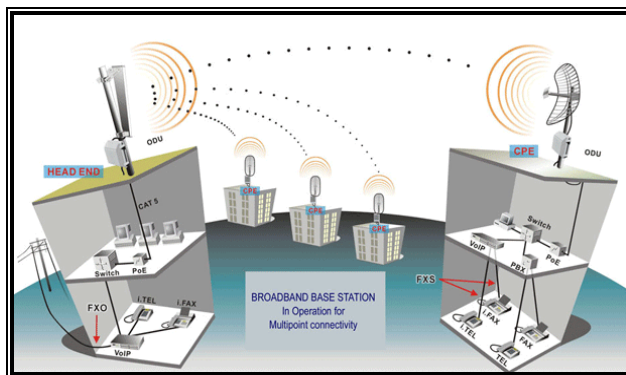
Channel Bandwidth 20 or 40 MHz (Selectable by Software)

Modulation technique DSSS/OFDM (BPSK,QPSK, 16-QAM, 64-QAM)

Output Power **5GHz Band:**
26dBm@6-24Mbps
21dBm@54Mbps

Receive Sensitivity **5GHz Band:**
-94dBm@6Mbps
-74dBm@54Mbps

Certificates FCC ID SWX-SR5
CE
RoHS



RF Operational Modes	<p>Access Point (bridge or router function) WDS (bridge or router function) Repeater (bridge or router function) AP Client (bridge or router function) Station (bridge or router function)</p>	
Advanced Wireless Features	<p>Tx Power and Tx Rate Antenna Selection ACK Timeout WMM - Wireless QoS Mac Address Spoofing Hide SSID and Stealth Mode Best Channel Selection and Country Code Selection DFS/TPC (Dynamic Frequency Selection / Transmit Power Control) Compression, Bursting, Fast Frames 802.11h Full Support Antenna Alignment (Site Survey / Link Quality / Signal Level)</p>	
Network Advanced Features	<p>Transparent Bridging Layer 2 (Mac Address) Forwarding Layer 3 (IP Address) Forwarding Static Routing DHCP Server and Client PPPoE Client/PPTP Client Vlan (802.1Q) Support Advance Statistics Graphical User Interface Monitor Utils (Ping and Trace Route)</p>	
Firewall - NAT	<p>Input/Output Interface Source IP/Subnet Port(s) Source Mac Destination IP/Subnet Protocol (ICMP, TCP, etc) Connection State(New, Established, etc)</p>	
Security Features	<p>Access Control List WEP 64/128 WPA1/WPA2 with TKIP & AES ciphers</p>	
QoS - Bandwidth Management	<p>Committed Information Rate (CIR) Peak Information Rate (PIR) Committed Burst Size (CBS) Excess Burst Size (EBS) Based in : - Input/Output Interface - Source IP/Subnet - Source Port(s) - Source Mac - Destination IP/Subnet - Destination Port(s) - Destination Mac - Protocol (FTP, ICMP, TCP, etc) - Application (Peer to Peer, EDonkey, Kazza, IRC, etc)</p>	
Hot Spot Features	<p>WAN, LAN, DHCP, Firewall – NAT QoS - Bandwidth Management Wireless Radius Client UAM Authentication, Mac Address Authentication Walled Garden Advertisement Sites Log in Page Customization Users Info, Radius Statistics</p>	
Administration Tools	<p>SNMP Agent NTP Agent HTTP Server SSH</p>	