



Provides the **Best of the Wireless Networks**



**Model Thyonet Broadband Dual Wireless Radio - Zeus A400**

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

**Standard Compliance** IEEE 802.11a

**Access Method** TDD (CSMA/CA)

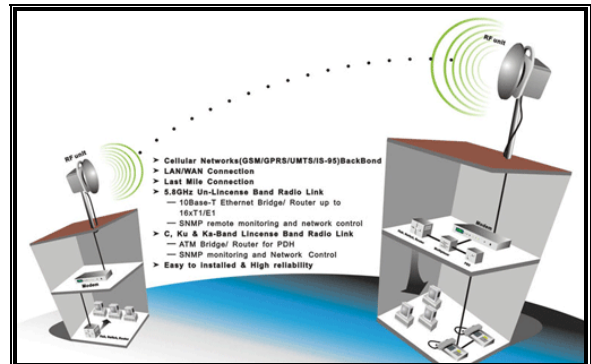
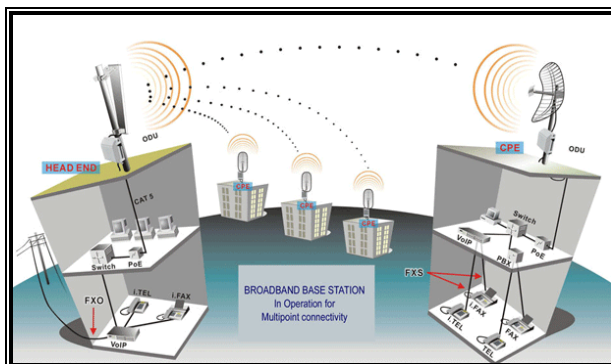
**Channel Bandwidth** 20 or 40 MHz (Selectable by Software)

**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





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<b>RF Operational Modes</b>	<ul style="list-style-type: none"> <li>Access Point (bridge or router function)</li> <li>WDS (bridge or router function)</li> <li>Repeater (bridge or router function)</li> <li>AP Client (bridge or router function)</li> <li>Station (bridge or router function)</li> </ul>	
<b>Advanced Wireless Features</b>	<ul style="list-style-type: none"> <li>Tx Power and Tx Rate</li> <li>Antenna Selection</li> <li>ACK Timeout</li> <li>WMM - Wireless QoS</li> <li>Mac Address Spoofing</li> <li>Hide SSID and Stealth Mode</li> <li>Best Channel Selection and Country Code Selection</li> <li>DFS/TPC (Dynamic Frequency Selection / Transmit Power Control)</li> <li>Compression, Bursting, Fast Frames</li> <li>802.11h Full Support</li> <li>Antenna Alignment (Site Survey / Link Quality / Signal Level)</li> </ul>	
<b>Network Advanced Features</b>	<ul style="list-style-type: none"> <li>Transparent Bridging</li> <li>Layer 2 (Mac Address) Forwarding</li> <li>Layer 3 (IP Address) Forwarding</li> <li>Static Routing</li> <li>DHCP Server and Client</li> <li>PPPoE Client/PPTP Client</li> <li>Vlan (802.1Q) Support</li> <li>Advance Statistics</li> <li>Graphical User Interface</li> <li>Monitor Utils (Ping and Trace Route)</li> </ul>	
<b>Firewall - NAT</b>	<ul style="list-style-type: none"> <li>Input/Output Interface</li> <li>Source IP/Subnet</li> <li>Port(s)</li> <li>Source Mac</li> <li>Destination IP/Subnet</li> <li>Protocol (ICMP, TCP, etc)</li> <li>Connection State(New, Established, etc)</li> </ul>	
<b>Security Features</b>	<ul style="list-style-type: none"> <li>Access Control List</li> <li>WEP 64/128</li> <li>WPA1/WPA2 with TKIP &amp; AES ciphers</li> </ul>	
<b>QoS - Bandwidth Management</b>	<ul style="list-style-type: none"> <li>Committed Information Rate (CIR)</li> <li>Peak Information Rate (PIR)</li> <li>Committed Burst Size (CBS)</li> <li>Excess Burst Size (EBS)</li> <li>Based in :               <ul style="list-style-type: none"> <li>- Input/Output Interface</li> <li>- Source IP/Subnet</li> <li>- Source Port(s)</li> <li>- Source Mac</li> <li>- Destination IP/Subnet</li> <li>- Destination Port(s)</li> <li>- Destination Mac</li> <li>- Protocol (FTP, ICMP, TCP, etc)</li> <li>- Application (Peer to Peer, EDonkey, Kazza, IRC, etc)</li> </ul> </li> </ul>	
<b>Hot Spot Features</b>	<ul style="list-style-type: none"> <li>WAN, LAN, DHCP, Firewall – NAT</li> <li>QoS - Bandwidth Management</li> <li>Wireless Radius Client</li> <li>UAM Authentication, Mac Address Authentication</li> <li>Walled Garden</li> <li>Advertisement Sites</li> <li>Log in Page Customization</li> <li>Users Info, Radius Statistics</li> </ul>	
<b>Administration Tools</b>	<ul style="list-style-type: none"> <li>SNMP Agent</li> <li>NTP Agent</li> <li>HTTP Server</li> <li>SSH</li> </ul>	