



Smart Residential VoIP Analog WiFi Telephone Adapter

Model S-WTA

Take advantage of low-cost VoIP services without sacrificing existing Internet access and connectivity. The S-WTA offers dual channel VoIP, broadband routing and integrated WiFi for a complete residential TriplePlay Ready voice and data solution.

Voice & Data Connectivity

2-call voice & fax FXS ports, 4-port LAN Ethernet switch, 1-port WAN Ethernet and integrated 802.11g WiFi

SIP signaling

Deploy into any multimedia, interactive, or voice network with softswitch certified and tested call & session signaling.

Advanced Security

Integrated firewall/statefull inspection firewall, denial-of-service protection and NAT/DMZ. Wireless security offers WEP, WPA, WPA2, and 802.1x wireless security support.

Triple Play Ready

Complete Triple Play multimedia and IPTV support with IGMP snooping and proxy. Integrated QoS for ensured voice, data, and multimedia quality.

Multiple Codecs

Toll quality and low-bandwidth CODECS. T.38 and fax-bypass features for solid multiuse interoperability.

Service Provider Solution

Single tightly integrated solution perfect for provider-based competitive calling and bundled data services.

The Patton® Residential Smart WiFi Telephone Adapter (S-WTA) delivers connectivity with cost savings for residential and SoHo users. It combines two channels of standards-based VoIP with an integrated broadband WiFi router.

The S-WTA offers dual two-wire FXS phone ports for standard telephones or fax machines. With softswitch-certified SIP signaling, the S-WTA provides seamless toll-quality access to lowest cost VoIP services.

The integrated broadband router enables you to connect to any Ethernet-based WAN such as ADSL, cable or fiber services.

The integrated 4-port 10/100 LAN switch easily connects all of your networking devices.

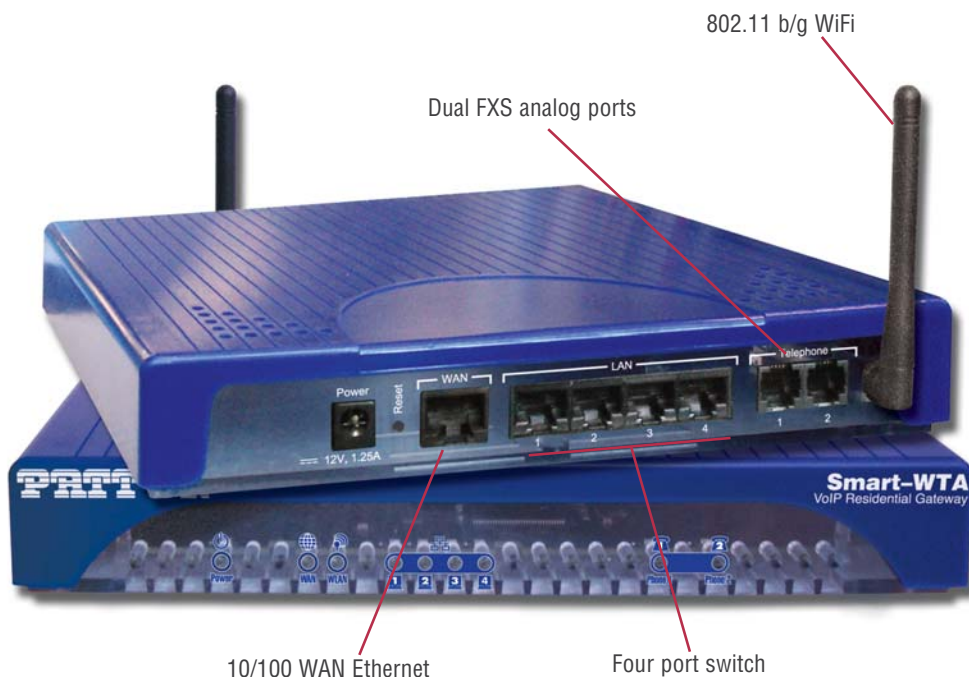
The integrated 802.11 WiFi offers b, g and Super G wireless connections automatically for highest throughput and maximum compatibility.

Wireless WPA security with NAT, firewall/ statefull packet inspection and denial-of-service support helps keep your network secure and your phone bills low.



Special Rates Available
Call for Details

Visit www.patton.com for more information.



Remote Office/Branch Office Voice Extension and Access diagram



Specifications

Voice Connectivity

Two FXS 2-wire loopstart, RJ-11 • 5 REN
 • EuroPOTS (ETSI EG201 188) •
 Programmable AC impedance, feeding, &
 ring voltage; on-hook voltage 50Vrms
 nominal • Caller-ID Type-1/2 FSK and ITU
 V.23/Bell 202 generation.

Voice codes

G.711 A-Law/ μ -Law (64kbps)

Voice Processing

G.726 ADPCM; G.723.1 (5.3 or 6.3
 kbps); G.729abe • G.168 echo cancella-
 tion • SIPv2 • DTMF detection & genera-
 tion • Carrier tone detection & genera-
 tion • Silence suppression & comfort
 noise • Configurable dejitter buffer •
 Configurable tones (dial, ringing, busy) •

Configurable transmit packet length •
 RTP/RTCP (RFC 1889)

Fax and Modem Support

G.711 transparent fax • Fax over IP
 (FoIP) • T.38 fax relay (9.6 k, 14.4 k)

IP Services

Complete IPv4 router; DHCP server,
 PPPoE, NAT, DMZ with configurable SPI
 firewall and DoS protection • DiffServe/ToS
 set for queue per header bits • Pocket
 policing discards excess traffic • 802.1p/Q
 VLAN support with 4096 IDs •
 AES/DES/3DES encryption options

Connectivity

WAN: Single 10/100 Ethernet RJ-45
LAN: Four RJ-45 switch ports

Integrated WiFi: Dual diversity antenna.
 LAN switched with full country channel
 selection (US, Canada, Japan, Euro) at
 2.4Ghz; autorate speed from 1–54 Mbps
 with Super-G burst support to 108 Mbps.
 Up to 23 dBm transmit power. Data rate
 54 Mbps.

Voice Routing—Session Router

Local switching; Interface huntgroups •
 Routing criteria

Management

HTTP/CLI with local console and remote
 Telnet/SSH access • TFTP configuration
 & firmware loading • SNMP v1 agent
 (MIB II and private MIB) • Built-in diag-
 nostic tools (trace, debug)

Operating Temperature

32–104°F (0–40°C)

Humidity

5–80% (non condensing)

Power

100–240 VAC (50/60 Hz)

Power dissipation

4W

Compliance

EMC compliance: EN55022 and EN55024
 • Safety compliance: EN 50950 • CE
 compliance • FCC Part 15 Class A

Ordering Information

S-WTA/EUI: 2-Port FXS VoIP Telephony Adapter with Broadband Router and
 Integrated 802.11b/g WiFi; 100–240 VAC external power supply

07MSWTA-DS1

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