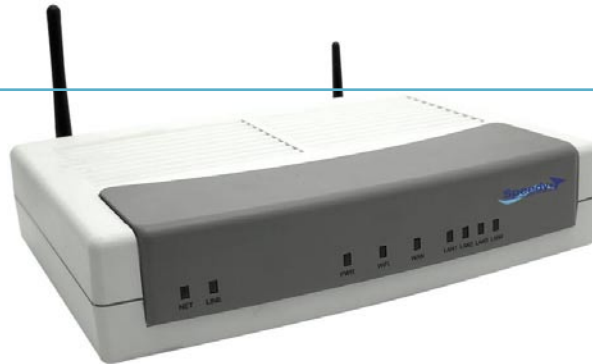


Description

Double Wireless Router professional multitasking device that offers one voice line (telephone or exchange) connectivity and internet access for a local computer network (cabled or wireless) using the public land mobile networks.

Applications

- **Enterprise Wireless VPN for remote Point of Presence:**
 - Wireless secure VPN and/or Internet access for temporary / mobile / remote Points of Presence
 - Wireless video surveillance for remote POP.
- **Small and Medium size Companies:**
 - Wireless Internet access and Wireless LAN server.
 - Voice cost optimizer tool for fixed to mobile call (Least Cost Routing).
 - Automatic back - up for broad Internet connections.
- **Seasonal Point-Of – Presence and one time Events Business SMS automation**
- **Public Place WIFI Hotspot:**
 - Prepaid and post paid wireless Internet access for tourists and clients.
 - Perfect for conference halls, Hotels, Coffee –and Restaurants.
 - Airports, train-stations.
 - In-vehicle Internet access: trains, coaches, limos, inland water sailing.
- **Wireless Machine-to-Machine (M2M) applications**



Benefits

- **Communication cost optimizer (least cost routing):**
 - Ensures cost reduction by converting fixed-to-land into mobile-to-mobile calls.
 - Wireless Internet access pays off in terms of business opportunities.
- **No cables required.**
- **3G advantage: Simultaneous voice and data UMTS and HSDPA versions only) and voice or data for EDGE version:**
 - Voice calls can be placed during data sessions
 - No busy tone while browsing Internet.

- **Instant public hotspot.**
- **Provides high over all protection.**

Main Features

- **Double wireless Route family**

- Wireless WAN: GPRS, EDGE, UMTS-FDD, HSDPA, UMTS-TDD, CDMA1x RTT, CDMA1x EVDO
- Wireless LAN: WiFi

- **All-In-One**

- Voice interface and Internet access.
- VPN Router Virtual Private Networks router functionality.
- Firewall acts as a packet filter applying security policies.
- LANServer it assigns IP addresses to client computers in the local network.
- Video Surveillance Server.
- Proxy offers SIP server for LAN users registration and sign all in grouting.
- WIFI Access Point acts as a bridge for computers. .
- SMS gateway can send and receive SMS from we band from mail.

- **100%Plug-and-Play**

Features

- **“Double Wireless”:**

- Fixed mobile terminal for GPRS, EDGE, UMTS-HSDPA, UMTS-TDD, CDMA 1xRTT, CDMA 1xEVDO
- WIFI data transfers between WLAN users up to 54Mbps - IEEE802.11BandG

- **All-In-OneDevice:**

- Fixed terminal for voice and Internet access (depending on version)
- WIFI Access Point
- VPNRouter
- Firewall
- LANServer
- Video Surveillance Server

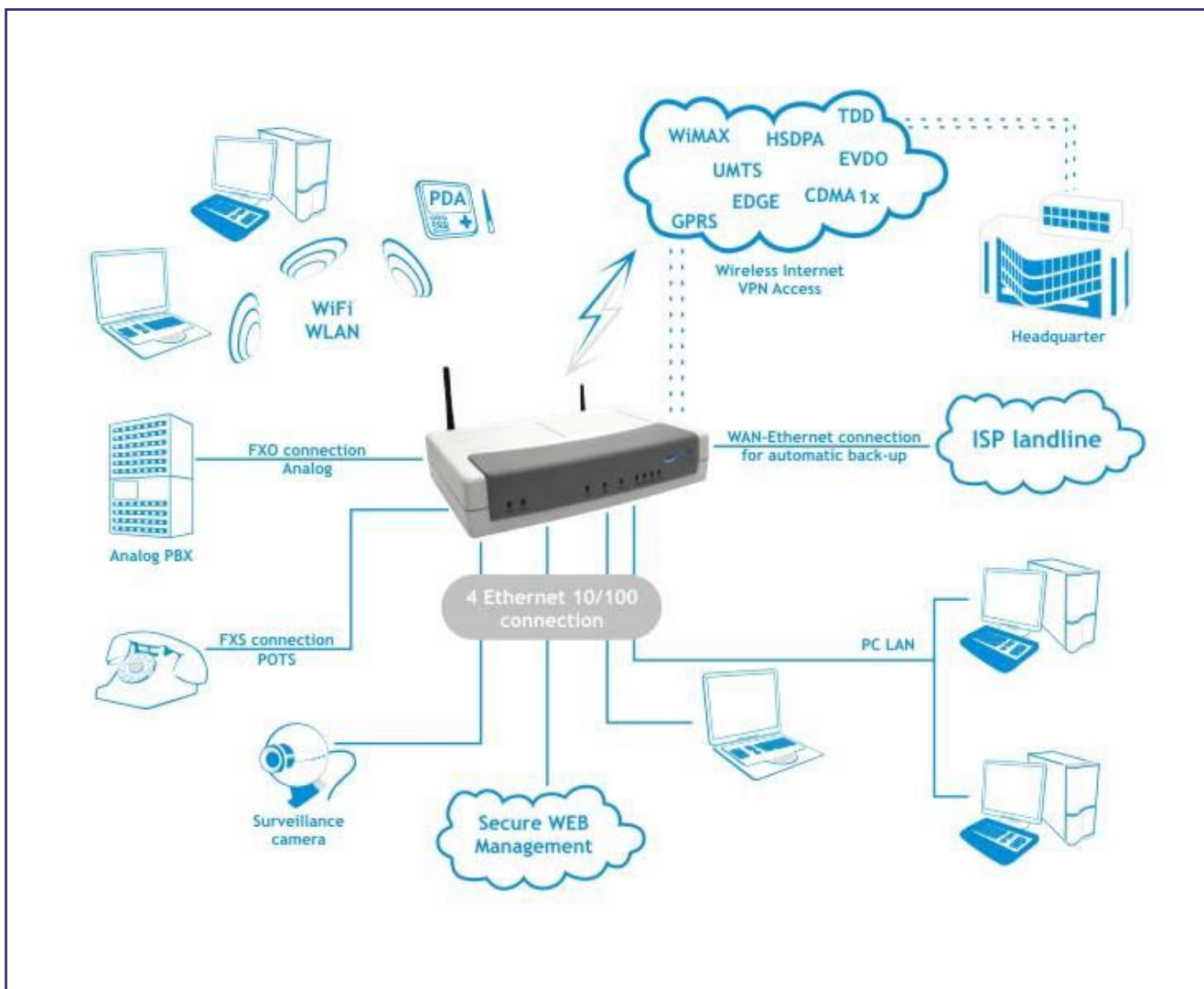
- **100%Plug-and-Play: Instant Internet connection for multiple clients, the reis no need for user store - configure their PCs, notebooks or PDAs.**

- **Secure communication:**

- Firewall between LAN and Internet
- VPN tunnel in gand VPN pass - trough
- WiFi over-the-air encryption
- Secure web configuration

- **Offers mail2sms and sms2mail services**

- **Accurate remote billing (for hotspot application): The supported RADIUS protocol is widely used for centralized authentication, authorization and accounting (AAA) of remote/distributed users.**



Technical characteristics

Ports	802.11b+g Wireless LAN access Point, up to 256 wireless clients supported
	2 USB 2.0 ports
	4 ports Fast-Ethernet Switch for LAN connections (4 RJ-45 ports with auto-crossover)
	1 Fast-Ethernet port for WAN connection
	1 VOICE port, configurable as FXS or FXO (POTS or PBX outbound line)
Software	PPP Client / Server, transparent DNS proxy, IP PNP, DHCP Server, Dynamic DNS Client, CallBack (Remote connection activation via SMS or ring), configuration via Web browser, fast start-up, Linux operating system
True Plug and Play	web based configuration interface
	embedded server for dynamic IP configuration of the clients (DHCP)
	embedded server for static IP configuration of the clients (IP-PnP)
	Embedded transparent HTTP/HTTPS proxy
	automatic e-mail server redirection
Hotspot Service	allows immediate creation of wireless Internet hotspots
	dual mode login allows users to use either an account or a PIN from a prepaid card
	automatic injection of e-mail with login instructions for new users
	RADIUS based authentication and accounting
Video Surveillance Service	allows video monitoring using either an USB web camera or an IP camera
	web based viewer of the video stream
	supports multiple cameras
Routing and remote managements	advanced routing support (GRE, RIPv2, OSPF)
	automatic connection establishment on traffic detection
	automatic disconnection on lack of traffic
	full network address translation (NAT) support
	secure, remote management using SSH
	pass-through IPSEC

SMS service	call back function (voice, SMS)
	allows reading and sending SMS messages using the Web browser SIM service
	shows important SIM information (signal level network registration)
	mail2sms ans sms2mail services
Max. transmitter power	UMTS/HSDPA 2100Mhz: +24dBm (Power Class 3)
Voice coding	Voice coding UMTS/HSDPA: AMR (12.2kbps/10.2kbps/7.95kbps/7.4kbps/6.7kbps/5.9kbps/5.15kbps/4.75kbps)
Advanced call management features	Can be set for CLIP (ETSI FSK or DTMF) and CLIR
Dial tone	440 Hz +/- 10%
Line voltage	48 V +/- 10%
Line current	30 mA max.
Ring signal	25 Hz, min. 60 Vef
Line impedance	600 Ohm
Mobile network antenna	External quad-band antenna with magnetic base and cable
WiFi antenna	External stick antenna for 2,4 Ghz
Analog FXS Voice Port	RJ 11 connector
Analog FXO Voice Port	RJ 11 connector
Data ports	5 ports RJ-45 for LAN and WAN
Power supply	Adapter 230V ac, 50Hz, 0.3A to 10V ac @ 1.5A
Status indicators	LEDs, for POWER, WiFi and network, plus one LED per each LAN or WAN port.
Temperature range	Operating: 5 to 50 degrees C Storage: 0 to 60 degrees C
Dimension (L x W x H)	248 x 170 x 53 (mm)
Masse	1100 g
Humidity	10-80%, non-condensing