

3G Router

- VoIP FXS
- USB or PCMCIA slot
- Automatic fail over
- 802.11g WiFi
- Up to 4x LAN ports

Mobile broadband router

Product Introduction

Sweden Telecoms 3G Routers offers the possibility to share a mobile GPRS, EDGE, WCDMA, HSPA or EVDO connection with other users connected to the same LAN. Users can connect to the 3G router using either WiFi 802.11b/g or the built in LAN-ports.

By connecting a PCMCIA or USB based mobile broadband card (Like STC-Uxx series) to the router you can access internet in areas not covered by traditional broadband. Sweden Telecoms serie of 3G routers also has a built in *fail over function*. If the fixed broadband connection connected to the routers WAN port goes down, the router will automatically switch over to the installed PCMCIA or USB mobile data connection.

With the RJ11 FXS-ports, the 3G router can be used as a VoIP Gateway and carriers can quickly, without the need for fixed line infrastructure, start to offer traditional Voice-service increasing the ARPU (average revenue per user).



Functionality overview

VoIP FXS
 DHCP, NAT, Virtual server, DMZ Host
 Access control: Packet filtering and URL blocking
 Firewall: NAT with SPI mode. DoS detection
 Automatic failover function (WAN/3G)
 VPN: PPTP, L2TP, IPSEC
 Logging: Web-logging, Syslog, email alert
 Routing: RIP v1 and v2
 Upgrade: Web based and FTP
 Management: Web and SNMP
 DDNS, UPnP

Interfaces

1x 10/100Mbps WAN RJ-45 port
 1-4x 10/100Mbps LAN RJ-45 port
 1x PCMCIA Type 2 slot or 1x USB2 port
 2x RJ11 FXS for VoIP

Mobile connection:

HSDPA: 14.4Mbps; QPSK, 16QAM/64QAM
 EDGE: 172Kbps; GMSK
 WCDMA: 384Kbps; QPSK, HPSK
 EVDO: 3.1Mbps; QPSK, 8PSK, 16QAM

WAN-connections supported

Static IP, Dynamic IP, PPPoE

Management

Web, SNMP

WiFi specification

Up to 54Mbit (802.11g)
 Up to 300m outdoor coverage
 Up to 100m indoor coverage
 1x 2dBi antenna
 64 and 128bit WEP, TKIP, AES, WPA and WPA2

Certification and Safety

FCC, CE, RoHS, Anatel

Overview	WAN	LAN	VLAN	QoS	Firewall/NAT	Mobile link	VoIP
STC-H300	1x RJ45	1x 10/100 RJ45	Yes	Yes	Yes	PCMCIA	-
STC-H310	1x RJ45	1x 10/100 RJ45	Yes	Yes	Yes	PCMCIA+USB	-
STC-H400	1x RJ45	4x10/100 RJ45	Yes	Yes	Yes	PCMCIA+USB	-
STC-H420	1x RJ45	4x10/100 RJ45	Yes	Yes	Yes	PCMCIA+USB	2x FXS RJ11

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Reseller information