DataRoute voice
Wireless Router

The TelecomFM DataRoute voice provides an all-in-one wireless solution for voice and high speed data.

Connection to the internet is provided via either the built-in 3G HSPA wireless module (offering speeds of up to 7.2Mbps downstream and 5.76Mbps upstream) or the built-in ADSL2+ modem. The 3G module can be used as an automatic failover when the ADSL connection is unavailable.

High quality voice is available by connection to a standard analogue POTS phone or to the trunk port of a PBX and calls may be made via the UMTS/GSM network or by using VoIP (SIP) via either of the data connections.

PC's and other networked devices can be connected via the 4 Ethernet ports and by utilising the built-in 802.11n Wi-Fi access point which offers bandwidth of up to 300Mbps.

Dealer's Stamp

… a global vision of customer interconnection

DataRoute voice
Technical Specification

telecomFM

Wireless Module

Bands	UMTS 850 / 900 / 1900 / 2100 MHz
	GSM 850 / 900 / 1800 / 1900 MHz
Transmit Power	Class 3 (0.25W) for UMTS
	Class E2 for EDGE
	Class 4 (2W) for GSM 850 / 900 MHz
	Class 1 (1W) for GSM 1800 / 1900 MHz
Max. Data Rates	HSDPA 7.2Mbps
	HSUPA 5.76Mbps
	UMTS 384kbps
	EDGE 237kbps
	GPRS 85.6kbps

Wi-Fi Access Point

Compliance	IEEE 802.11 b/g/n	
Security	WEP 64/124/256 bits	
	WPA / WPA2	
RF power	20dBm	
Transmit Power	802.11b:	16+/-1.5dBm
	802.11g:	14+/-1.5dBm
	802.11n:	HT20 16+/-1.5dBm;
		HT40 14+/-1.5dBm
Antenna	2T2R MIMO mode (2 transmitter, 2 receiver)	
	External antenna with 2dBi gain	
	Internal antenna with 4dBi gain	

Ethernet Interface

Compliance	IEEE 802.3
Ports	4 x 10/100M Auto MDI-X

DSL Standards

ANSI T1.413 issue 2 compliant
ITU-T G.992.1 (G.DMT) compliant
ITU-T G.992 (G.lite) compliant
ITU-T G.992.3/4 (ADSL2) compliant
ITU-T G.992.5 (ADSL2+) along with Annex A and M

Features Overview

Built-in 3G HSDPA / HSUPA Wireless Module
802.11n Wi-Fi Access Point
ADSL2/2+ Modem
Automatic failover from ADSL to 3G
Supports TR-069 Remote Management
DHCP Server
Firewall with SPI (Stateful Packet Inspection)
VPN Support
Port Forwarding (Supports DMZ)
Web based management
QoS

Physical Specification

Height	145 mm
Width	170 mm
Depth	35 mm

Environmental

Power Supply	100 ~ 240V 50/60Hz
Operating Temp	0 ~ 50°C
Storage Temp	-40 ~ 85°C