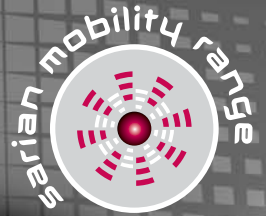


HR4420

HSDPA ROUTER

WITH OPTIONAL HSUPA, PSTN OR ISDN



superfast flexibility



ULTRA HIGH SPEED 'SUPER 3G' MULTIPOINT ROUTER

PRODUCT INFORMATION

HR4420 HSDPA MULTIPOINT ROUTER

The HR4420 provides an ultra high speed wireless WAN solution with vast scalability supported by four built in 10/100BaseT VLAN Switch ports and two serial ports.

An internal wireless modem provides GPRS, EDGE, 3G, HSDPA (and optional HSUPA) capability enabling incredible wireless communications speeds via a mobile network operator. Sarian's unique dual SIM technology ensures that a second network can take over automatically if the primary fails.

A unique feature of the HR4420 is the ability to have either an ISDN or PSTN (analogue) modem integrated within the unit which can act as inbound or outbound interfaces.

PRODUCT FEATURES

- HSDPA / 3G UMTS / EDGE / GPRS
- OPTIONAL HSUPA COMPATIBILITY
- OPTIONAL PSTN OR ISDN NETWORK COMPATIBILITY
- 2 X USB EXPANSION PORTS
- FRONT PANEL SIGNAL INDICATOR
- EMBEDDED TCP/IP STACK WITH VPN SUPPORT
- POWERFUL, END USER PROGRAMMING LANGUAGE
- TOUGH METAL CASE
- DIN RAIL MOUNT
- 2 X 25-WAY SERIAL PORTS

PRODUCT BENEFITS

- INCREDIBLE HIGH SPEED (UP TO 7.2MB/S) WITH
- OPTIONAL PSTN OR ISDN BACK UP
- OPTIONAL HIGH SPEED UPLINK (UP TO 2.0MB/S) WITH HSUPA
- PROVEN SAR/OS ROUTING ARCHITECTURE
- DUAL SIM PORTS PROVIDE FAILSAFE BACKUP

APPLICATIONS

- ATM MACHINES
- EPOS / POINT OF SALE SYSTEMS
- LOTTERY / GAMING TERMINALS
- TELEMETRY
- ADSL LINE SUBSTITUTE / BACKUP
- SURVEILLANCE APPLICATIONS

HR4420



MAIN APPLICATIONS

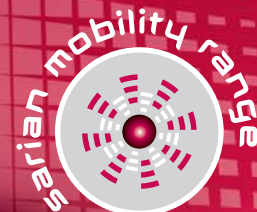


SARIAN SYSTEMS

HR4420

HSDPA ROUTER

WITH OPTIONAL PSTN OR ISDN



HARDWARE SPECIFICATION

DESCRIPTION

HSDPA (WAN)

OPTIONAL HSUPA (WAN)

OPTIONAL (WAN)

OPTIONAL (WAN)

LAN

SERIAL

ANTENNA

CASE MATERIAL

POWER

TEMPERATURE

SIZE / WEIGHT

PRODUCT SPECIFICATION

TRI-BAND HSDPA/UMTS - 850** / 1900 / 2100 MHz / QUAD-BAND EDGE/GPRS - 850/900/1800/1900 MHz (** 850, BAND 5, INCLUDES 800, BAND 6 - JAPAN)

GPRS & EDGE 850/900/1800/1900 MHz / UMTS 3G & HSUPA 850/1900/2100 MHz

ISDN 50 BRI INTERFACE Q.931 1.430

V.92 FAST TRAIN MODEM RJ11 OR BT JACK

ETHERNET 10/100MB/S FOUR PORT SWITCH WITH AUTO MDI/MDI-X

25 PIN RS.232 ASYNC / SYNC UP TO 400KBPS

DUAL BAND GSM - 50Ω SMA

POWDER COATED PRESSED STEEL

110-240VAC 50-60HZ 250mA (USB NOT OPERATING)

-20°C TO +55°C OPERATING

190mm x 142mm x 45mm 770g

OPTIONAL HARDWARE

ORDERING CODE

91-HR4420-SS**-00

5600-0015

5600-0006

5600-0007

5600-0005

4800-0002

OPTIONAL EQUIPMENT DESCRIPTION

HR4420 MAIN UNIT (** IS EITHER UK / EU)

HSUPA OPTION

PSTN (EU OPTION)

PSTN (UK OPTION)

ISDN OPTION

SIM SECURITY KIT

SOFTWARE SPECIFICATION

DESCRIPTION

MANAGEMENT

IP ROUTING

PROTOCOL SWITCHING

SYNC TUNNELLING

RATE ADAPTION

SECURITY

**X.25 / ON-LINE
AUTHORISATION**

PROGRAMMING

NETWORK FEATURES

PRODUCT SPECIFICATION

FTP • HTTP • SMTP • SNMP • SSH • TELNET • COMPATIBLE WITH SARIAN REMOTEMANAGER SYSTEM

GRE • PPP • RIP • OSPF • SRI™ • VRRP+ • VLANS • BGP

TCP • SSL • X.25 • LAPB • LAPD • SNAIP

LAPB • RAW • SNA

V.120 • X.75 • V.110 • "DIRECT SYNC" (HDLC OVER ISDN)

IPSEC (5 TUNNELS INCLUDED) DES • 3DES • AES • SSL • SSH

TPAD • APACS30 • ISO8583 • X.25 • X.28 PAD • X.29 • X.21 • XOT • VXN • SSL

SCRIPTBASIC INTERPRETER WITH USER EXTENSIBLE LIBRARIES & CONTROL OVER MAIN FUNCTIONS SUCH AS SMS, MEMORY, SERIAL PORTS OR OTHER LOCAL DEVICES.

DYNAMIC DNS TO ENABLE USE WITH DYNAMIC NETWORK ADDRESSES • DETECTION OF NETWORK PROBLEMS & AUTOMATIC FAILOVER TO SECOND MOBILE NETWORK • STANDBY APN.

OPTIONAL SOFTWARE

ORDERING CODE

6600-000*

6120-0007

OPTIONAL EQUIPMENT DESCRIPTION

REMOTEMANAGER SYSTEM (VARIOUS OPTIONS AVAILABLE)

5 ADDITIONAL IPSEC TUNNELS (MAXIMUM OF 50)

CALL US NOW ON: **+44 (0) 1943 605 055** OR FAX: **+44 (0) 1943 605 056**

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