

VC5100

ADSL/ISDN VPN
CONCENTRATOR



flagship head end device



WITH THE OPTION TO SUPPORT PSTN & GPRS NETWORKS

PRODUCT INFORMATION

VC5100 ADSL/ISDN VPN CONCENTRATOR

The VC5100 is a powerful VPN concentrator supporting up to 1,500 simultaneous clients thanks to its super fast processor and hardware assisted encryption (including DES, 3DES and AES).

The VC5100 is compatible with ISDN/ADSL networks as standard with the option of PSTN backup if required. In addition, the VC5100 is available with an optional GPRS backup option which ensures that critical communications continue in the event of failure on the wired networks.

The unit is also available with optional side mountable brackets to enable it to fit in a standard 19" server room rack. (See illustration)

PRODUCT FEATURES

- HIGH QUALITY ADSL FOR PROFESSIONAL APPLICATIONS
- BUILT IN BASIC RATE ISDN
- OPTIONAL PSTN AND GPRS MODULES FOR BACKUP
- INTEL X-SCALE™ PROCESSOR SUPPORTS UP TO 1,500 VPN TUNNELS

PRODUCT BENEFITS

- HIGH CAPACITY VPN CONCENTRATOR
- HEAD OFFICE SERVER CAPABILITY
- FAILSAFE CONNECTION THANKS TO MULTIPLE BACKUP NETWORKS

APPLICATIONS

- HEAD OFFICE VPN CONCENTRATOR
- GPRS TUNNEL CONCENTRATOR
- HIGH SPEED PROTOCOL SWITCH SUPPORTING: XOT, X.25, TCP & VDP

VC5100



MAIN APPLICATIONS

RETAIL



FINANCIAL



LOTTERY



TELEMETRY




**SARIAN
SYSTEMS**

VCS100

ADSL/ISDN VPN CONCENTRATOR



HARDWARE SPECIFICATION

DESCRIPTION

NETWORK (WAN): ADSL

NETWORK (WAN) BASIC RATE

DATA INTERFACE

EXPANSION

ANTENNA

CASE MATERIAL

POWER

TEMPERATURE

SIZE

PRODUCT SPECIFICATION

ANSI T1.413 ISSUE 2

BASIC RATE INTERFACE (BRI) • CCITT 1.430, Q.921, Q931 CTR / CTR33 • S0 BUS • X.31 DCHANNEL

ADSL: RJ11 / ISDN: RJ45 FOR S/T CONNECTION / PSTN: RJ11 TELCO JACK / 50. • SMA CONNECTOR / SERIAL 25 PIN SYNC / ASYNC RS.232 / SERIAL RJ45 ASYNC RS232

PSTN ITU-T V.92 / V.90 / 56K COMPLIANT (OPTIONAL) / GPRS CLASS 10 (OPTIONAL)

DUAL BAND GSM - 50.Ω SMA

POWDER COATED PRESSED STEEL

110 - 240VAC • 50 - 60Hz

- 20°C TO +55°C OPERATING

WITHOUT RACK 290mm x 158mm x 45mm • WITH RACK 480mm x 158mm x 45mm • WEIGHT 1.7 Kg

OPTIONAL HARDWARE

ORDERING CODE

91-VCS5100-SS.***

5600-0003

5600-0006

5600-0007

ON REQUEST

OPTIONAL EQUIPMENT DESCRIPTION

VC5100 MAIN UNIT (**.*GPRS / PSTN (SEPARATELY OR TOGETHER) AND EITHER: UK / EU / US)

GPRS OPTION

PSTN EU OPTION

PSTN UK OPTION

VC5100 19" SERVER ROOM RACK BRACKETS

SOFTWARE SPECIFICATION

DESCRIPTION

PROTOCOLS

SECURITY

MANAGEMENT

PROGRAMMING

NETWORK FEATURES

PRODUCT SPECIFICATION

TCP/IP • FTP • SNAIP • XOT • SSL • SSH • VXN • GRE • X.25 PAD (X.3, X.28, X.29)

IPSec (200 TUNNELS INCLUDED - 1500 MAX) DES • 3DES • AES

WEB SERVER & COMMAND LINE INTERFACE REMOTE & LOCAL ACCESS •
SNMP • COMPATIBLE WITH SARIAN **REMOTEMANAGER** SOFTWARE

USER INTERPRETER WITH USER EXTENSIBLE LIBRARIES AND 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 / OR RECOVERY
REMOTE MANAGEMENT INCLUDING OVER THE AIR SOFTWARE UPDATES

OPTIONAL SOFTWARE

ORDERING CODE

6120-0008

6120-0006

6600-000*

OPTIONAL EQUIPMENT DESCRIPTION

ADDITIONAL 50 VPN CLIENT LICENCES

ADDITIONAL 100 VPN CLIENT LICENCES

REMOTEMANAGER SOFTWARE - (Various options available)