

# 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)

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