



The Series V VadEDGE range of single platform devices enables effective communication at the edge of the enterprise network. With VadEDGE, mobile, regional and remotely located teams are able to access the same voice and data communication channels that their colleagues benefit from at the organisation's headquarters.



BENEFITS

- High bandwidth efficiencies and savings
- Service enablement
- Converged multimedia services
- Lower TCO
- Revenue enhancement
- Proven reliability
- Future proof design
- Toll quality voice over limited bandwidth
- Embedded QoS and security capabilities

FEATURES

- Up to 2 software selectable WAN interfaces
- Two 2-port 10/100 Ethernet Switches
- Multi-service support
- Reduced form factor
- High Reliability
- Feature-rich Management platform

VADEDGE 4200 SADIS 2G ROUTER

Delivering specialist communication solutions

The 4200 SADIS 2G Router has been developed to be deployed as part of the SADIS 2G receiving solution, providing World Meteorological Organisation (WMO) data to end users. The receiving solution consists of the 4200 SADIS 2G Router, a third party Satellite Receiving solution and a workstation running a Visualisation application.

The 4200 SADIS 2G Router can also be configured to output either TCP, UDP or X.25 data streams. An added benefit is that the X.25 stream is backward compatible with SADIS 1G X.25.



4200 Sadis 2G Router Hardware Specifications

PORTS

Ethernet 10/100 (fixed) 2
WAN (fixed) 2

POWER

100-240V AC 40W

DIMENSIONS

Width (mm) 435
Height (mm) 45
Depth (mm) 270

Ordering Information

vadEDGE 4200 Sadis 2G Router

2 software selectable WAN interfaces and two 2 Port 10/100 Ethernet switches. - data only unit
Part Number VE-4200-S2G

The VadOS operating system

The need to integrate multiple data sources does not require a complex and proliferated network infrastructure that is unwieldy and difficult to support. AEP Networks provides a single platform solution that provides all the benefits of reduced capital expenditure, simplified training and engineering resource efficiency.

vadOS | Functional Specifications

SERIAL LINK SUPPORT

Standard:

Vados VSAT (Virtual Synchronous Access Technology)
Frame Relay
NNI/UNI, LMI (ANSI & ITU)
Switched & PVC
TCP/IP PPP (RFC 1331), SLIP
TPAD
PAP/CHAP
X.25 (1980 & 1984), X.32
OSI Transport (Class 0, 2, 3)
V.25bis
Async port up to 115.2Kbaud (X.3, X.28)
HDLC transparent passthrough
Bandwidth management
Auto link back-up, speed-detect & measure

ETHERNET SUPPORT

Standard:

MAC bridging, IP routing
OSPF, RIP, RIP2
NAT/PAT
OSI TP4
GOSIP CLNS/CONS
BootP Client
IP header compression
IP/UDP encapsulation

WMO Support

Standard:

WMO format header

MANAGEMENT SUPPORT

Standard:

Local async console (RS232)
Virtual port for remote access
SNMP (MIBs: MIB2 & Enterprise)
MegaWATCH (SNMP Management)
Billing and Accounting
Local/Remote configuration, upload, download, TFTP
Remote software download, TFTP
RADIUS
Environmental monitoring
Internal protocol scope

United States

Toll-Free: +1-877-638-4552
Tel: +1-732-652-5200

Email: sales@aepnetworks.com

Europe

Tel: +44 1344 637 300

Web: www.aepnetworks.com

Greater China

Tel: +8621 5116 7120

SE Asia, Singapore

Tel: +852 2961 4566

Japan

Tel: +81 3 5979 2149

Australia/New Zealand

Tel: +61 2 9413 2282

Malaysia

Tel: +60 32166 2260