

DIAS

→ advanced services gateway



Features

- ADSL Broadband Access
- Wireless Access Point
- Bluetooth, Wireless LAN, Powerline
- Remote Access And Control
- Electronic Services Platform

Portus introduces the world's first fully integrated services platform. The Portus DIAS advanced services gateway ushers a new paradigm in connectivity and service delivery. The DIAS will change forever the way people look at technology.

Offering unmatched networking and broadband Internet access, the DIAS provides a simple way for multiple users to simultaneously share a high-speed Internet connection, without the need for any cables.

But it doesn't stop there - the DIAS goes far beyond the capabilities of traditional gateways by creating a complete solution for the delivery of a wide range of high value services to the home or office.

The DIAS advanced services gateway replaces separate legacy systems for networking, security, video surveillance, automation, energy management and remote control with a single highly integrated device. One box that does it all - and does it better than any dedicated system. And to satisfy the requirements of critical services such as security and health monitoring, the DIAS is a tamper-proof always-on unit that remains up even when the power is down.

The DIAS provides the three essential networks for the modern home or office; wireless LAN, Bluetooth and Powerline. Just plug the DIAS into the power socket and instantly your mains power becomes a network for controlling appliances and automation modules.

An integrated Bluetooth access point allows the DIAS to automatically discover, connect and communicate with devices ranging from PDAs to cameras, headsets and a growing range of Bluetooth appliances. And Wireless LAN provides high speed connectivity for Internet access, file transfers and general networking.

The DIAS also provides standard USB and Ethernet ports to which you are accustomed.

An advanced user interface makes control a breeze. Access the DIAS from within the premises or remotely, and you will always see the same interface in your browser. The DIAS provides simple intuitive controls that allow you to manage and automate any connected devices in your premises. The DIAS is the core component of a complete services solution. Portus also offers advanced wireless MPEG4 cameras, sensors, and control pads. You can mix and match Portus components and compatible appliances to create a configuration that suits your needs.

Welcome to the DIAS revolution!



Product Series

DIAS 3000a

Standard splitterless model for users with ADSL and phone service running into the premises over the same line. This model incorporates Bluetooth and Powerline local networks.

DIAS 3000s

Standard splitted model for users with ADSL and phone service running into the premises over separate lines. This model incorporates Bluetooth and Powerline local networks.

DIAS 3000aw

Full featured DIAS 3000a including integrated 802.11b

DIAS 3000sw

Full featured DIAS 3000s including integrated 802.11b

Services Platform

- OSGi V2.0
- 533MHz Intel® XScale IXP425 Network Processor

Software Features

- Integrated automation system
- Integrated security and surveillance system
- Local and remote monitoring/control
- All control through web browser
- High quality vector graphics User Interface
- Integrated firewall (NAPT), stateful packet inspection
- Supports TCP/IP, DHCP (client and server)
- VPN using IPSec
- Supports PPPoA and PPPoE

Broadband Interface

- Integrated ADSL
- ANSI T1.143 issue 2, ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) compliant
- Full rate transmission: 8Mbps downstream and 1Mbps upstream
- Multiple PVC - up to 8 supported
- RFC 2364, RFC 2684

Local Interfaces

- Wireless LAN: Integrated 802.11b (models 3000aw, 3000sw only)
- Bluetooth: Integrated Bluetooth, Class 1 (100m range)
- Powerline: Integrated power line carrier automation network
- Ethernet: Integrated 4 port switch with 10/100Base-T
- USB: One USB port

Power

- Internal PSU: 120/240V, 20W
- Battery Backup: 48 hrs operation