

Euphonic Wireless Hot Zone Solution

Access Controlling System "ACS4200"

ACS4200 Main Features:

- User authentication with UAM (Universal Access Method), 802.1x/EAPoLAN, MAC Address,
- AAA Radius client and proxy server with EAP support
- Built-in AAA server with e-Billing up to 500 user accounts
- Support up to 200 simultaneous users.
- Universal Address Translation (UAT), web proxy support
- WISPr compatible log-on via web browser with SSL/TLS, iPass client support
- Unlimited White List (walled garden area, free web sites)
- Customizable welcome, log-on, and log-off pages, XML support (internal, external) and HTML support
- E-mail redirection
- IP routing with IPsec and PPTP pass-through, NAT/NAPT, Port-forwarding
- Per-user bandwidth management via RADIUS
- WAN protocols: PPPoE, PPTP, DHCP client
- DHCP server/relay/Client
- VPN Client, GPPTP/MPP, AGRE
- Remote management via SNMP v1, 2c, 3, SNMP proxy, https, SSH, telnet, console
- Management subnet for remote AP management



Access Controlling system for control Hot Zone and Users



Backend Integration

The ACS4200 is compliant to the recommendations of the Wi-Fi Alliance 'Best Current Practices for Wireless Internet Service Provider Roaming' (WISPr). ACS4200 has been tested for interoperability with various leading RADIUS and Web application servers (e.g. Funk, AirPath, WiFicom, iPass). For security purposes all AAA and management traffic to the network operation center can be tunneled and encrypted by the internal VPN gateway.

Customizable Login Pages

Service providers can benefit from the flexible web redirection service. ACS4200 provides a set of location, browser, and user-specific information to the backend system to enable value added personalized services provided by the WISP. Detailed location information is available via https/XML interfaces. Web pages can be either stored locally on the ACS4200 or remotely on a web portal server

Remote Management

You can choose a variety of different management interfaces to remotely configure, monitor, or update the ACS4200 and the devices behind the controller. The ACS4200 can be managed via SNMP, https, SSH or telnet.

Euphonic Wireless Hot Zone Solution

Access Controlling System "ACS4200"

ACS4200SMB Public Access Controller

The Euphonic Wireless system ACS4200 is a high performance and highly integrated Access Controller for public access networks. It combines an IP Router, a 4-port LAN Switch and a complete Access Controller for use in wireless hotspots. One single ACS4200 can serve up to 200 simultaneous users, takes control over authentication, accounting and routing to the Internet as well as to the operator's central. Built-in AAA systems make hotspot owners setup public access services without any RADIUS server.

Multiple Authentication Methods and Accounting

The ACS4200 supports multiple secure authentication methods from standard web browser login (Universal Access Method), MAC authentication, to 802.1x/EAP with passwords, certificates or SIM cards. The integrated real-time accounting system is based on standard RADIUS/EAP and supports various billing plan from prepaid, pay-per-time, per-volume, per-use or flat rate. Integration into existing OSS/BSS systems can be done with ease.

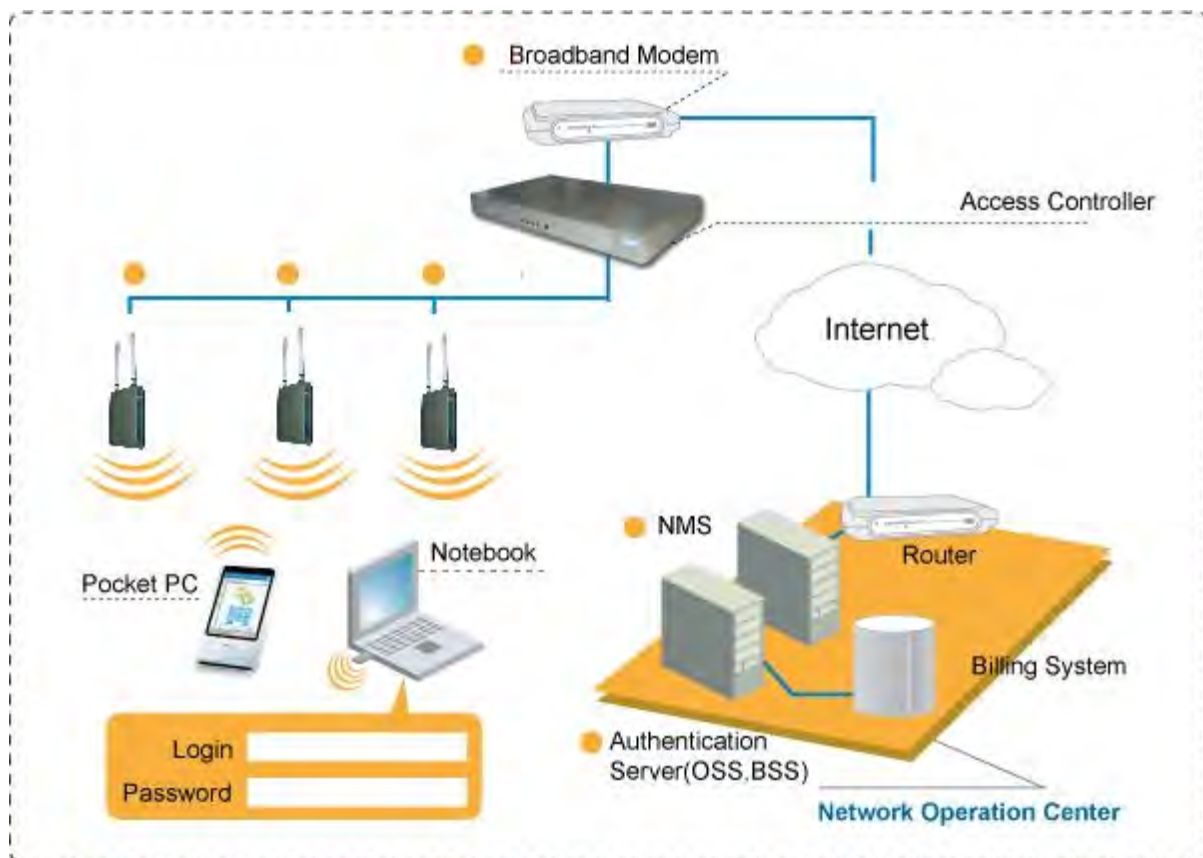
.Zero Configuration for Subscribers

ACS4200 makes internet access very easy and user-friendly for the end-user. Subscribers will be redirected to the providers welcome page automatically regardless of their PC configuration. The UAT (Universal Address Translation) feature will accept and translate fixed company IP settings and web proxy configurations - so end-users do not have to reset their corporate IP or web settings.

Built-in AAA with e-Billing and Pre-Paid

Advanced built-in AAA with e-Billing enable private hotspot owner to setup a public access service without any RADIUS Server. Hotspot owner can manage customers with predefined access and billing plans for post-paid subscribers. It also offers an optional account printer for those pre-paid users who can quickly & easily access Internet. Both built-in accounts and Telco roaming accounts are supported simultaneously.

APPLICATION :



Euphonic Wireless Hot Zone Solution

Access Controlling System "ACS4200"

Specification

PRODUCT SPECIFICATION	
Interface	LAN 4 switched ports 10/100Base_T/Tx, (RJ-45), auto-sensing WAN 1 port 10/100Base_T/Tx(RJ-45), auto-sensing 1 X DB9 Male (RS 232) for optional account printer
Physical Characteristics	Dimension H:436 x L:260 x W:44 mm Weight 3.5kg
Environment	Operating temperature: 0°C ~ +55°C Storage temperature: -10°C ~ +65°C Humidity: 10% ~ 95% (non-condensing)
Power Supply	Input Auto sensing 100 - 240 VAC; 50/60 Hz Power Consumption 10W
LEDs	(7 LEDs), Online, LANx-RX/TX, WAN-RX/TX
Enclosure	19" rack mountable, 1U, metal housing
NETWORK MANAGEMENT	
Remote Management	HTTPs, Telnet, SSH , SNMP (v1, v2c, 3,),SNMP Proxy, and Fully manageable using Gemek Systems NMS (S-4000/S-6000))
MIBs	MIB II for IP (RFC 1213), Ethernet MIB, GSI Private MIB, 802.11 MIB
NTP Synchronization	RFC 1305
Syslog	Remote Activity Syslog
Reset	Remote reset / Manual reset
Firmware Upgradeable	Remote Firmware upgrade via HTTPs, FTP
COMPIIANCE	
FCC ClassA	

Euphonic Wireless Hot Zone Solution

Access Controlling System "ACS4200"

This page is officially blank for Note purpose:

Notes:

1:

2:

3:

4:

5:

6:

7:

8:

9:

10:

11:

12:

13:

14:

15:

16:

17:

18:

19: