

LinkEasy™ SP Edition



Flexible Turnkey Solution for Broadband Access in Public Access Networks and Metropolitan Area Networks



LinkEasy SP Key Features

User-friendly Login - LinkEasy delivers the most user-friendly transparent broadband access services and “Plug & Play” feature to customers by simply login through a web browser, without the need of reconfiguring current settings or installing additional client-side software.

Ultimate Performance and Availability - LinkEasy supports Gigabit/Fast Ethernet interfaces with near to wire speed throughput and up to 4000 concurrent users, empowering service providers’ broadband access system in large-scale deployment (such as MAN) for huge traffic volume. Redundancy support in LinkEasy guarantees service availability to subscribers.

Last Mile Access Control - LinkEasy in the last mile for MAN, building and campus etc. effectively performs access control and prevents unauthorized private access. TCP session number limit control prevents customers from sharing the broadband service with multiple computers, which in turns affecting the revenue of service providers.

Secure Connectivity - Firewall functionality of LinkEasy protects internal users from outside attacks, as a “Walled-Garden”. Moreover, NAT and IEEE802.1Q VLAN supports enable a secure access environment.

Global Roaming - Customers use single account, login ID and password to access the broadband access service delivered by LinkEasy anywhere.

Flexible Billing Schemes - LinkEasy supports various kinds of charging schemes (such as flat-rate or actual-rate). This flexibility enables service providers to deliver services that can suit different kinds of user segments for different application needs, maximizing the profit for the service providers.

Intelligent Traffic Management - LinkEasy’s patented packet scheduling technology CBFQ can intelligently perform per-user traffic flow and bandwidth management. Quality of Service (QoS) provision allows VIP users to enjoy better quality services at a premium charge.

Wholesale Broadband Access Model - LinkEasy supports multiple RADIUS servers for authentication with LinkEasy Manager as a RADIUS proxy. It enables carriers with the *Wholesale* business model for multiple ISPs.

Subscriber Management - With the LinkEasy deployed for wholesale model, ISPs can manage their own subscriber database while joining the revenue sharing business with Telecom Carriers.

Centralized Management and Logging - LinkEasy Manager (LEM) is a centralized management and monitoring platform for managing all LinkEasy appliances with a web-based interface. Logging information in LEM simplifies usage accounting and reconciliation.

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	LinkEasy SP		LinkEasy Manager
	LE 5000	LE 2000	
System Information User License Support	2000/3000/4000	500/1000/2000	Built-in 3 LE licenses (Extendable)
Software Protocols Support	ICMP, ARP, DHCP, Ethernet, IP, TCP/UDP, HTTP, HTTPS, FTP, Telnet, MMS, RTSP, SMTP, POP3, IMAP, ICQ		ICMP, ARP, DHCP, Ethernet, IP, TCP/UDP, HTTP, HTTPS, FTP, Telnet
Network Access	Plug & Play, NAT/PAT, True IP, 802.1Q VLAN, DHCP relay, Browser proxy support, TCP connection number control, Single/Multiple login, Unplug detection		N/A
AAA Support	Web-based, Port-based or Single/Multiple RADIUS server(s) authentication (via LEM)		As RADIUS Proxy
Security	VLAN traffic isolation, Firewall function, ACL, Content filtering (Free or Deny sites), SSL		SSL
Bandwidth Management	Per-user bandwidth control		N/A
System Management	Web Interface, CLI administration and LinkEasy Manager		Web Interface, CLI administration
Advanced Features	Login portal setting, SMTP relay, Policy/User/Group management, Time-based and Flat-rate billing, Bill/Receipt editing and printout, Bill checking, PMS support, Multi-language support, Homepage redirect, External log backup, Log statistics report		Multiple RADIUS support, Ad-hoc account control, Multiple LinkEasy management, Billing records
Hardware Interfaces	Dual 1000Base-SX ports 2 RS232 DB9 serial ports, PS/2, VGA,	Dual 10/100Base-T ports 2 RS232 DB9 serial ports, PS/2, VGA	10/100Base-T port, RS232 DB9
Form Factor	2U, rack-mountable		
Dimension	3.46"(88mm) H x 19"(482mm) W x 17.7"(450mm) D		
Weight	22.5 lb (10.2 Kg)		
Power Supply	300W ATX PFC Redundant Power Supply, AC 110/240 V Full Range		
Operating Temperature Non-operating Temperature Non-operating Humidity Altitude	0 ~ 40 °C (32 ~104 °F) -40 ~ 60 °C (-40 ~ 140 °F) 10 ~ 95 % @ 40 °C, non-condensing 0 to 3048 m (0 ~ 10,000 ft)		
Safety Regulation	UL, cUL, CE, TUV, CB		