

ExpressNet® Features

Teledex ExpressNet provides a family of solutions aimed at delivering dependable, high-performance, marketable high speed data services to hospitality. With a combination of wireless and wired solutions, the ExpressNet AirLink family contains everything needed to deploy cutting-edge broadband connectivity and services over virtually any existing telecom infrastructure, from Cat 2/3 VDSL to Cat 5/6 Ethernet.

Powerful Management Solutions

The ExpressNet UniServe Gateway delivers the flexible management options you need to configure your high speed system for maximum revenue and profit. Partition your HSIA service for different service levels; easily manage users in various locations; defend attacks from non-authenticated users to avoid liabilities and unwanted usage. It's all here in the UniServe Gateway, part of the ExpressNet family of high speed data solutions.

TELEDEX ExpressNet® UniServe Gateway



S Series



M Series



E Series

ExpressNet UniServe gateway servers provide many powerful management tools to configure and administer your ExpressNet service. With UniServe, you have control over connectivity, as well as management functions such as billing, access control and accounting, plus services delivery and enhancement.

Teledex UniServe Gateways help leverage all the built-in features of your broadband service infrastructure to fully exploit its revenue potential. When matched to Teledex's award-winning AirLink in-room CPE devices and ExpressNet switch gear, your ExpressNet system is a profit center that delivers recurring revenues for many years to come.

Connectivity

Teledex UniServe Gateways integrate easily with all mainstream network infrastructures, simplifying network design and installation. With a range of scalable solutions available, UniServe Gateways grow to suit your project's demands, minimizing deployment issues and reducing implementation time. You'll get up and running, generating new revenues in record time.

Management

Manage your broadband infrastructure with ease, leveraging key features such as subscriber and service management, flexible billing and accounting, and interface support for popular property management systems (PMS).

UniServe facilitates network security management, and reduces support costs, with a range of powerful features including anti-Denial-of-Service, anti-Spam, SNMP and extensive reporting capabilities.

Services

Providing wireless and wired broadband solutions for your guests and staff has never been easier. With UniServe's patented *Tru-Connect Technology*, guests get easy, zero-configuration connections. Your guests log in to the network for access to the Internet, email, and VPN connections to their enterprise networks without having to change any settings on their laptop, or other connected devices. This reduces your technical support costs, and gives your guests the easy-to-use Internet experience they want.

UniServe Gateways also enable the creation of new value-added services, such as walled garden, built-in web server and ez-Xcess API. Easily deliver special promotions, service offerings, advertisements and more, all easily consolidated into a property- or corporate-specific web portal that guests see whenever they log in to your ExpressNet service.



SPECIFICATIONS				
Model	M100P	S300	S500	E1000
Default User Licenses ¹	100	300	500	1000
Max User Licenses ¹	200	300	500	1000
VLANs Supported	200	500	500	700
Max Throughput	56Mbps	96Mbps		700Mbps
Ethernet	1 x 10/100BaseT WAN Port 1 x 10/100BaseT LAN Port 2 x 10/100BaseT Expansion Port	1 x 10/100BaseT WAN Port 1 x 10/100BaseT LAN Port 1 x 10/100BaseT Expansion Port		1 x 10/100/1000BaseT WAN Port 1 x 10/100/1000BaseT LAN Port 1 x 10/100/1000BaseT Optional HA Control Channel 1 x 10/100/1000BaseT Expansion Port
COM	1 x RS232 (DB9) Console Port 1 x RS232 (DB9) PMS Port	1 x RS232 (DB9) Console Port 1 x RS232 (DB9) PMS Port		1 x RS232 (DB9) Console Port 1 x RS232 (DB9) PMS Port
Net Weight	7.72 lbs	8.82 lbs		14.33 lbs 22.04 lbs
Gross Weight	13.23 lbs	16.53 lbs		17.64 lbs 28.66 lbs
Power Consumption	180W	250W		250W 400W
Dimensions	16.77" (W) x 9.05" (D) x 1.69" (H)	16.77" (W) x 9" (D) x 1.71" (H)		16.77" (W) x 14.95" (D) x 1.71" (H) 16.77" (W) x 20.78" (D) x 1.71" (H)
Certification	UL, CE, FCC		UL, CE, FCC	

1 Detected Devices

FEATURE LIST

ZERO CONFIGURATION NETWORKING

	M-Series	S-Series	E-Series
WSUS with seamless check enforcement	●	●	●
Adaptive DNS	●	●	●
Transparent SMTP and proxy with dynamic port support	●	●	●

SECURITY

Support for IEEE 802.1q VLANs (point to point physical security)	●	●	●
Built-in SSL support with certificate management	●	●	●
Anti-SPAM function and Anti-DoS protection	●	●	●
Multi-tiered network access	●	●	●

SUBSCRIBER MANAGEMENT

Email registration reminder	●	●	●
On-demand bandwidth and public IP provisioning	●	●	●
Support for manual logout, idle disconnect, administrator forced logout and service timeout	●	●	●
Enhanced MAC- and IP-based controls	●	●	●
HTTPS home page support	●	●	●
Global host- and port-based walled garden	●	●	●
Smart URLs	●	●	●
User-specific and/or location-specific content delivery	●	●	●
PDA friendly portal pages	●	●	●
Bandwidth rate limiting	●	●	●
IP Balancing VPN support	●	●	●
User Group-based network access control	●	●	●

MULTIPLE AUTHENTICATION AND BILLING

Local authentication (Prepaid & Postpaid)	●	●	●
Radius authentication (Prepaid & Postpaid)	●	●	●
Single-click authentication for complimentary access	●	●	●
API-based extension to authentication support	●	●	●
Support for common PMS and credit card interfaces	●	●	●

FEATURE LIST

ADMINISTRATION

	M-Series	S-Series	E-Series
Secure web-based administration utility	●	●	●
Comprehensive command line interface	●	●	●
Automated log maintenance & backup	●	●	●
Network Time Server (NTP) support	●	●	●
SNMP support (SNMP v2, MIB II)	●	●	●
Remote syslog support	●	●	●
Selective factory reset	●	●	●
Port forwarding for device management	●	●	●
Login portal generator wizard	●	●	●
Meeting room scheduler	●	●	●

REPORT GENERATION AND ACCOUNTING

Real-time device & session monitor	●	●	●
Historical usage & session logs	●	●	●
Gateway health status	●	●	●
Supports both time & volume accounting	●	●	●

COMPATIBILITY AND RELIABILITY

Works with many applications: NetMeeting, FTP, RealAudio, Messengers etc.	●	●	●
OS independent (works with Windows, Solaris, Linux, MacOS, BeOS etc.)	●	●	●
Hardware independent (works with Intel PCs, Sparc, Tablet PC, PDAs etc.)	●	●	●

OPTIONAL FEATURES

Property management system interface	●	●	●
Credit card payment & authentication	●	●	●
Radius roaming support	●	●	●
802.1x authentication	●	●	●
High availability and automated failover	●	●	●
Centralized deployment	●	●	●