OnSite™ CPE
Model 3088A

The Model 3088A is a low cost, manageable and software upgradeable G.SHDSL.bis CPE designed for service providers needing transparent last-mile telecom and data service delivery.

nx64 Rates to 5.7 Mbps
With multiple full-duplex symmetric rates available, users select the bandwidth option they need.

Low Cost Fixed Interfaces
Multiple interface options to choose from: E1 (G.703/G.704), X.21, V.35, and RS-232.

Local and Remote Loopbacks
Loopbacks add a powerful troubleshooting tool for determining line quality

Software Upgradeable
Software upgrades make it easy to keep the OnSite CPE in service for years

Plug 'n' Play
Just plug them in and the link comes up in seconds. Set the unit to use G.Handshaking and the selection of optimal link speeds can also be done automatically.

Local and Remote Console
With remote console, any Patton G.SHDSL modem (3096RC or 3088A) can be used to manage the remote CPE modem

Patton's Model 3088A G.SHDSL.bis OnSite CPE is the perfect choice for users or service providers who need high-speed dedicated network connections. Based on the ITU and ETSI G.SHDSL G.991.2 standard, the 3088A enables providers to extend their reach-and-range by delivering rate-adaptive nx64 symmetrical speeds up to 5.7 Mbps—all over a single pair of wires.

The OnSite 3088A uses Patton's Plug 'n' Play features to remove any CPE configuration issues when used with any Patton CO concentration solution, even another 3088A CPE. Just set the units to their default mode and plug them in. The remote modem configures automatically and the link is up and running in seconds. With support for remote console link configuration changes and operating statistics are available via the out-of-band EOC channel. Remote and local loopback adds to the manageability of the link. Use remote console when deploying OnSite CPEs either back-to-back or with a ForeFront system to improve the manageability of the CPE.

The Model 3088A is available with V.35, X.21, E1, and RS-232 interfaces. The V.35 and RS-232 interfaces are presented on a female DB-25 connector. The X.21 is presented on a female DB-15 and is DTE/DCE selectable. The E1 interface is presented on an RJ-48C and dual BNC connector. It operates as a channelized interface allowing for fractional E1 configurations (G.703/G.704).

Visit www.patton.com for more information.
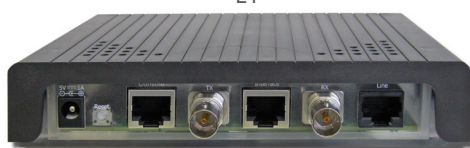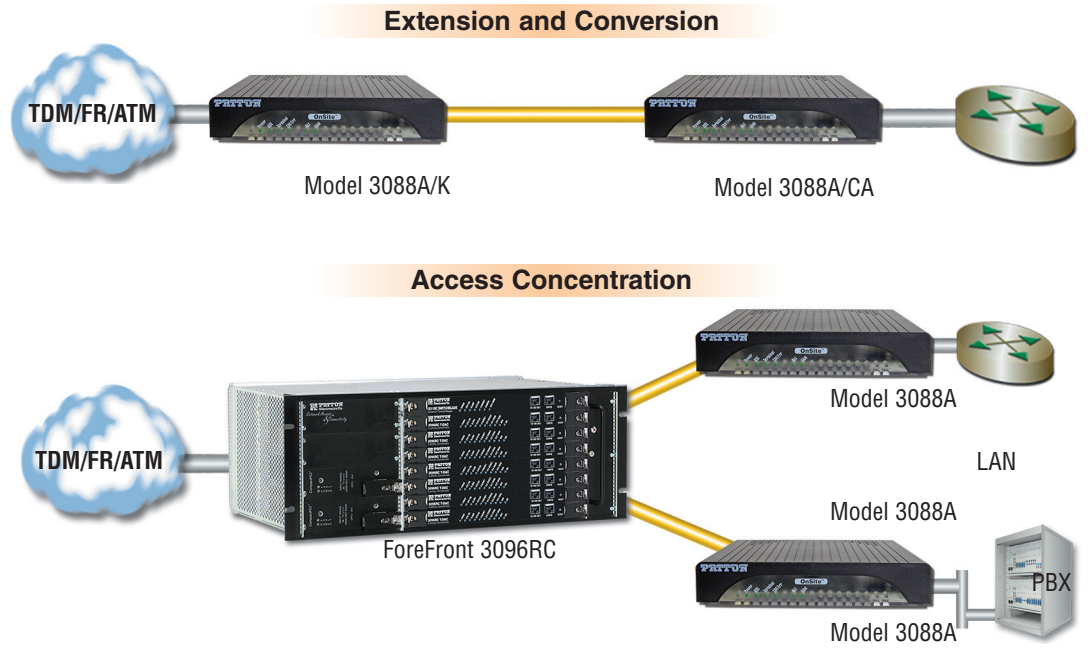
Model 3088A

RS-232

X.21

E1

V.35

Patton
let's connect!™

Applications

✓ The Model 3088A OnSite CPE excels in manageability even in point-to-point configurations.

✓ Plug 'n' Play automatically configures a remote unit based on parameters stored in the local unit.

✓ Secure console lets an operator log into a unit to manage and configure it locally.

✓ Remote console makes configuration and management of a remote unit easy over an out-of-band channel.

✓ OnSite CPEs are software upgradeable from the console port.

✓ When attached to a ForeFront AIS, the 3088A can be managed via an SNMP proxy.

Extension and Conversion

TDM/FR/ATM

Model 3088A/K   Model 3088A/CA

Access Concentration

TDM/FR/ATM

ForeFront 3096RC

Model 3088A

LAN

Model 3088A

Model 3088A   PBX

Specifications

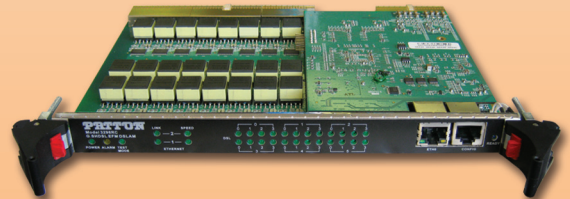|	3088A/CA	3088A/D	3088A/K	3088A/A
DCE Interface	V.35	X.21	E1	RS-232
Power Supplies	External power supply options: Universal 90–260 VAC operating from 50–60 Hz; 120 VAC/60Hz; 240 VAC/60Hz; -48 VDC			
Dimensions	4.7 x 1.52 x 5.0 in. (10.6 x 3.9 x 12.7 cm)			
Testing Parameters	V.52 511/511E Pattern generator with RDL; LAL			
Clocking	Internal, Network or Receive Recover			
Line Coding	TC-PAM 16 for rates from 64 kbps to 2.3 Mbps; TC-PAM 32 for rates above 2.3 Mbps; Annex A & B			
Line Interface	RJ-11; Two-wire (single twisted pair)			
MTBF	4.7 years			
Management	DIP switch, Telnet console, remote console or proxy SNMP from a Central Office ForeFront			
Front Panel Indicators	LEDs for DSL link, Transmit/Receive data. no signal, loop test errors, and test mode indication			
Compliance	FCC Part 15A, CE Mark, EMC Directive 89/336/EEC, Low-Voltage Directive 73/23/EEC			
Environment	Operating Temperature: 32 to 122°F (0 to 50°C) Humidity: 5 to 90% non-condensing			

G.SHDSL.bis EFM Products Available

Model 3088A/I EFM CPE Bridge 2 wire

Model 3202 EFM Managed Switch 2/4/8 wire

Model 3296 ForeFront™ EFM Blade