OnSite™ EFM CPE
Model 3088A/I

The Model 3088A/I is a low cost, manageable and software upgradeable G.SHDSL.bis EFM CPE designed for service providers needing transparent network connectivity.

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

4 x 10/100 Ethernet Interfaces
Connects multiple network-enabled devices

Software Upgradeable
Software upgrades make it easy to keep the OnSite EFM 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 EFM modem (3296RC or 3202) can be used to manage the remote CPE modem

Patton's Model 3088A/I G.SHDSL.bis OnSite EFM 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/I 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/I uses Patton's Plug 'n' Play features to remove any CPE configuration issues when used with any Patton CO concentration solution, even another 3088A/I 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 loop-back adds to the manageability of the link. Use remote console when deploying OnSite EFM CPEs either back-to-back or with a ForeFront system to improve the manageability of the EFM CPE.

The Model 3088A/I is available with a 4-port 10/100 Ethenet switch.
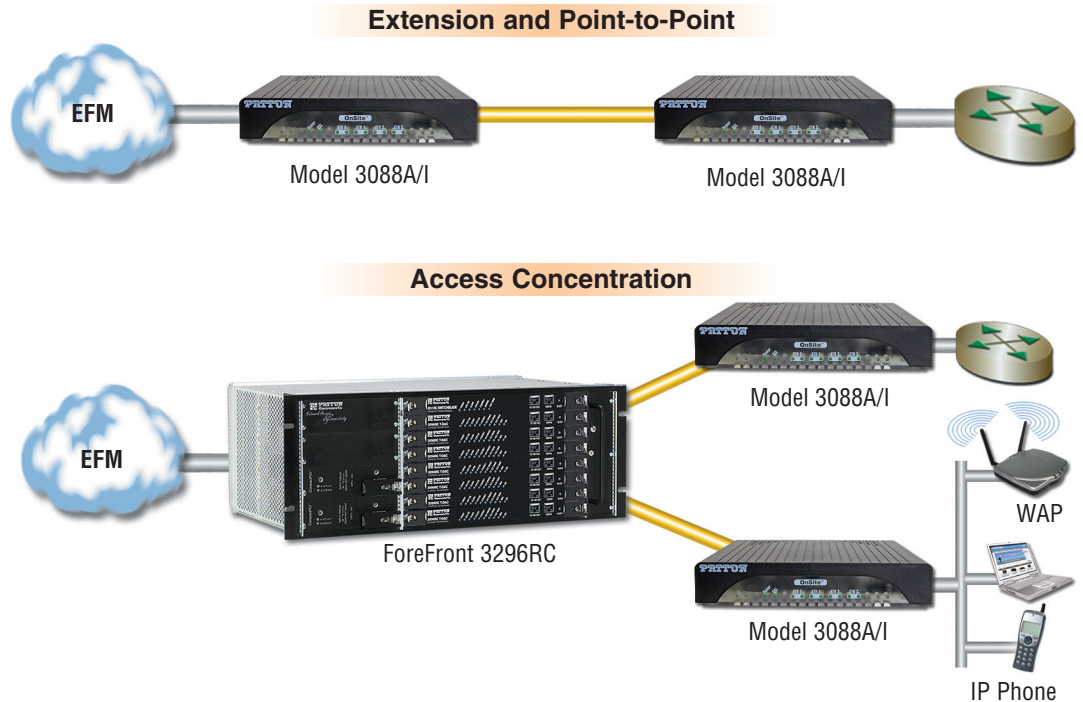
Visit www.patton.com for more information.

Model 3088A/I

Front view

Rear view

- ✓ The Model 3088A/I OnSite EFM 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 EFM CPEs are software upgradeable from the console port.

- ✓ When attached to ForeFront™ aggregators, the 3088A/I can be managed via an SNMP proxy.

Extension and Point-to-Point

EFM

Model 3088A/I   Model 3088A/I

Access Concentration

EFM

ForeFront 3296RC

Model 3088A/I

WAP

Model 3088A/I

IP Phone

Specifications*

Protocol
Transparent to higher layer protocols. Supports 802.1 Q VLAN tagged packet transmission

Transmission Line
Single twisted pair

Line Rates
Auto-Rate adaptive from 192 kbps to 5.7 Mbps or selectable in all 64 kbps increments up to 5.7 Mbps

Front Panel LED Status Indicators
WAN: Link, LAN (Ethernet): Link/Act, Power

Line Coding
TC-PAM 16 for rates from 192 to 2.3 Mbps; TC-PAM 32 for rates above 2.3 Mbps; Annex A & B

Connectors
RJ-45 on copper line side and 4 x 10/100 Ethernet, shrouded male IEC320 power connector

Line Interface
Transformer coupled, 1500 VAC isolation

Management
DIP Switch, Telnet console, remote console or proxy SNMP from a Patton ForeFront™ device

MTBF
4.7 years

Power
External 90–260 VAC, 50–60 Hz (Universal Input)

Power Consumption
0.8A@5V

Operating Temp.
32 to 122°F (0 to 50°C)

Humidity
5 to 95%, non-condensing

Altitude
0 to 15,000 ft (0 to 4,600 m)

Dimensions
4.7 x 1.52 x 5.00 in. (106 x 390 x 127 mm)
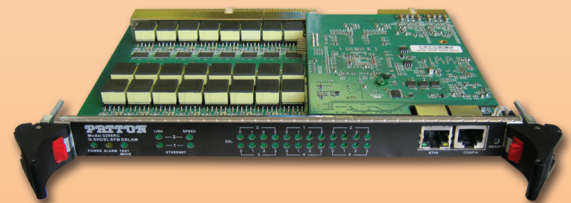
Weight
2.0 lbs (1.0 kg)

Compliance
FCC Part 15A, CE Mark per EMC directive 89/336/EEC and Low Voltage Directive 73/23/EEC

G.SHDSL.bis EFM Products Available

Model 3202 EFM Managed Switch 2/4/8 wire

Model 3296 ForeFront™ EFM Blade

* Specifications subject to change without notice.