



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IA24- 24Ports ADSL2+ IP DSLAM



#### Description

SG 24 ports ADSL2+ IP DSLAM offers lowest port count DSLAM available in the market place. The DSLAM provides the least initial investment solution for Service Provider who wants to start providing Broadband service in a low subscriber density location. It features maximum downstream rate up to 24 Mbps and maximum reach distance over 7.0 Km. SG DSLAM series is most suitable for use on existing copper twisted pair telephone lines to provide high speed Internet access.

This 24-port interface module is compliant with ITU G.992.5, G.992.3, G.992.1, and features the Link Status LED indicators in front panel. When LED turns steady green that means the line connection is valid and operational. SG Technology's ADSL2+ technology is also backwards compatible with early version of ADSL. This ADSL2+ technology is an enhanced version of the ADSL technology which provides cross-talk free deployment. The ADSL2+ IP DSLAM is ideal solution for Triple-play requirements.

#### Features

24 ADSL2+ Ports

Supports ANSI T1.413 Issue 2, ITU G.992.5, G.992.3, G.992.1 (G.dmt), ITU-T G.992.2 (G.lite)

Multimode (automatic modulation detection)

Supports packets transmit and receive statistics report.

Provides optimal rate/reach performance

Higher rates by limiting reach (up to 24.0 Mbps)

Longer reach by reducing rate (distance up to 6.3 Km)

Bandwidth Management control on each port at 32kbps interval.

Voice and data splitter sold separately

#### Network Configuration Modes

Gateway

Router (software upgradeable)

### Specifications

Physical	
Dimensions	-438(L)mm x 321(W)mm x 42(H)mm
Weight	-2lb
System	
Power Supply	-85-265VAC
Temperature Range	-0°C to 50°C - Operating -10°C to 85°C - Storage
Humidity	-5% to 95% non-condensing



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IA24- 24Ports ADSL2+ IP DSLAM

#### **System & Management Features**

10/100 BASE-TX ports for uplink and downlink, with auto-negotiating and automatic MDI/MDIX (Flat and cross cable Auto cross-over)

Support Mixed voice-data networks

- Special power saving mode for inactive ports
- Each port can be individually enabled or disabled with man-agreement card installed
- TFTP
- BOOTP Client, Boot Server
- IEEE 802.1 P/Q
- Support IGMP Snooping
- Support multiple PVC QoS configuration

#### **ATM Support**

ATM Signaling UNI 3.1 & 4.0

PPP (RFC 2364) over ATM

RFC 1483

RFC 1577 (IP over ATM)

AAL0, AAL2, AAL5

ATM Service Class: UBR/VBR/CBR

32 VCs

#### **Interface**

1 RJ45 for Uplink

1 RJ21 for Phone Line Connection

1 DB9 male (Null Modem) for Local Management

#### **Console Management**

WEB Management

CLI & Telnet Management

**Specifications are subject to change without notice.**



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IA8- 8Ports ADSL2+ IP DSLAM



#### Description

SG IA8 offers lowest port count DSLAM available in the market place. The DSLAM provides the least initial investment solution for Service Provider who wants to start providing Broadband service in a low subscriber density location. It features maximum downstream rate up to 24 Mbps and maximum reach distance over 7.0 Km. SG DSLAM series is most suitable for use on existing copper twisted pair telephone lines to provide high speed Internet access.

This 8-port interface module is compliant with ITU G.992.5, G.992.3, G.992.1, and features the Link Status LED indicators in front panel. When LED turns steady green that means the line connection is valid and operational. SG Technology's ADSL2+ technology is also backwards compatible with early version of ADSL. This ADSL2+ technology is an enhanced version of the ADSL technology which provides cross-talk free deployment. The ADSL2+ IP DSLAM is ideal solution for Triple-play requirements.

#### Features

8 ADSL2+ Ports

Supports ANSI T1.413 Issue 2, ITU G.992.5, G.992.3, G.992.1 (G.dmt), ITU-T G.992.2 (G.lite)

Multimode (automatic modulation detection)

Supports packets transmit and receive statistics report.

Provides optimal rate/reach performance

Higher rates by limiting reach (up to 24.0 Mbps)

Longer reach by reducing rate (distance up to 6.3 Km)

Bandwidth Management control on each port at 32kbps interval.

Voice and data splitter sold separately

#### Network Configuration Modes

Gateway

Router (software upgradeable)

#### Specifications

Physical	
<b>Dimensions</b>	-438(L)mm x 261(W)mm x 42(H)mm
<b>Weight</b>	-2lb
System	
<b>Power Supply</b>	-85-265VAC
<b>Temperature Range</b>	-0°C to 50°C - Operating -10°C to 85°C - Storage
<b>Humidity</b>	-5% to 95% non-condensing



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax :( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IA8- 8Ports ADSL2+ IP DSLAM

#### System & Management Features

10/100 BASE-TX ports for uplink and downlink, with auto-negotiating and automatic MDI/MDIX (Flat and cross cable Auto cross-over)

Support Mixed voice-data networks

- Special power saving mode for inactive ports
- Each port can be individually enabled or disabled with man-agreement card installed
- TFTP
- BOOTP Client, Boot Server
- IEEE 802.1 P/Q
- Support IGMP Snooping
- Support multiple PVC QoS configuration

#### ATM Support

ATM Signaling UNI 3.1 & 4.0

PPP (RFC 2364) over ATM

RFC 1483

RFC 1577 (IP over ATM)

AAL0, AAL2, AAL5

ATM Service Class: UBR/VBR/CBR

32 VCs

#### Interface

1 RJ45 for Uplink

1 RJ21 for Phone Line Connection

1 DB9 male (Null Modem) for Local Management

#### Console Management

WEB Management

CLI & Telnet Management

**Specifications are subject to change without notice.**



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IG-2416 16Port G.SHDSL IP DSLAM



IG-2416, Equipped with 16 G.SHDSL ports, is designed for Internet Service Provider (ISP) to implement bandwidth management for multiple subscribers. With 2.3Mbps symmetric transmission characteristics over single loop, SHDSL is best suited to data-only applications that need high upstream bit-rates; therefore, IG-2416 is being deployed primarily for business customers to replace expensive T1/E1 leased line. (Though G.SHDSL does not carry voice like ADSL, new voice-over-DSL techniques may be used to convey digitized voice and data via SHDSL) IPAM-2416 is not only equipped with a console port being used for local management, but also provides excellent capabilities of SNMP, Telnet, Web-based GUI for remote management. Moreover, with the solution of port-based and tag-based VLAN, IG-2416 can isolate traffic between different users and thus provides improved security.

#### **Key Features and Benefits**

- IP Based DSLAM with administrative layer 2 Concentrator
- 16 ports G.SHDSL Subscriber Interface
- 100Base TX

#### **Advanced Function**

- Support 2 ATM PVCs per DSL Line
- Tag-based VLAN, tagged/ Untagged
- Support simultaneously
- Port based VLAN
- Remote F/W downloads
- Configuration batch file

#### **Excellent Management with Security**

- SNMP, Telnet, Web-based GUI and EMS Management
- Management IP provided
- Password protection for system management



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IG-2416 16Port G.SHDSL IP DSLAM

#### Specification

General	MIB
G...SHDSL <ul style="list-style-type: none"> <li>Up/downstream: up to 2.3M</li> <li>Distance: Non Attenuation of 4km, up to 8km@26 AWG</li> </ul>	<ul style="list-style-type: none"> <li>RFC1213 MIB II</li> <li>G.SHDSL Lin MIB</li> <li>Our proprietary MIB</li> </ul>
Interface	Environment
<ul style="list-style-type: none"> <li>16 ports G.SHDSL</li> <li>Connector:               <ul style="list-style-type: none"> <li>Real : Telco-50 pin centronic connector for line</li> <li>Front : RJ-45, uplink 100Base TX or 100Base FX</li> </ul> </li> </ul>	Operating Temperature : 0°C ~50°C Storage Temperature : -30°C ~70°C Operating Relative Humidity : 0°C ~90°C Storage Relative Humidity : 0°C ~95°C
Standard	Security
<ul style="list-style-type: none"> <li>G...SHDSL               <ul style="list-style-type: none"> <li>G.991.2</li> </ul> </li> <li>IEEE Standard               <ul style="list-style-type: none"> <li>IEEE 802.3/3u/3x</li> <li>IEEE 802.1q</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Support 3 levels of user's privilege ( Administrator/User/Guest )</li> <li>IP filtering for management UI (secured hosts for Telnet/Web-based GUI/TFTP/SNMP)</li> <li>VLAN-filtering for uplink</li> <li>System auto-logout</li> </ul>
Management	LED
<ul style="list-style-type: none"> <li>Local Console</li> <li>Web-based GUI</li> <li>Support SNMP V1,V2</li> <li>Telnet</li> <li>System event log</li> <li>Subscriber information management</li> <li>CLI command doskey -liked function and history</li> <li>Fault, performance, configuration, and security management provided</li> </ul>	<ul style="list-style-type: none"> <li>4 system LEDs ( POWER,MAINT,ALARM,FAULT )</li> <li>2 Uplink LEDs ( LINK,ACT )</li> <li>16 4-states SHDSL status LEDs ( SHDSL 1-16 )</li> </ul>
	Maintenance
	<ul style="list-style-type: none"> <li>Software upgraded by TFTP</li> <li>System configuration backup/restore by TFTP</li> <li>Default configuration restore</li> </ul>
Electrical	Physical Condition
<ul style="list-style-type: none"> <li>Supply Voltage/Current : -42V~-56V DC Or 90V~240V AC 50~60HZ</li> <li>70watts max</li> </ul>	<ul style="list-style-type: none"> <li>Dimension : 429mm ( W ) x180mm ( D ) x44mm ( H )</li> <li>Weight : 11b</li> </ul>

Specifications are subject to change without notice.



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : (86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IA48- 48Ports ADSL2+ IP DSLAM

----48Ports-IP DSLAM Support ADSL/ADSL2/ADSL2+



#### Description

SG IA48 offers lower port count DSLAM available in the market place. It provides the least initial investment solution for Service Provider who wants to start providing Broadband service in a low subscriber density location. The unit features maximum downstream rate up to 24 Mbps and maximum reach distance over 6.5 Km. It is most suitable for use on existing copper twisted pair telephone lines to provide high speed Internet access.

This 48-port interface module is compliant with ITU G.992.5, G.992.3, G.992.1, and features the Link Status LED indicators in front panel. When LED turns steady green that means the line connection is valid and operational. SG's ADSL2+ technology is also backwards compatible with early version of ADSL. This ADSL2+ technology is an enhanced version of the ADSL technology which provides cross-talk free deployment. The ADSL2+ DSLAM is ideal solution for Triple-play requirements.

#### System & Management Features:

10/100/1000 BASE-TX ports for uplink and downlink, with auto-negotiating and automatic MDI/MDIX (Flat and cross cable Auto cross-over)

Support Mixed voice-data networks

Special power saving mode for inactive ports

Each port can be individually enabled or disabled with management card installed

SNMP Management Agent and MIB II

TFTP

BOOTP Client, Boot Server

IEEE 802.1d Spanning Tree

IEEE 802.1 P/Q

Routing Supports: RIP-1, RIP-2

Support IGMP Snooping

Support priority queue scheduling

Support WF2Q+ scheduling

Support multiple PVC DoS configuration



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ **SG IA48- 48Ports ADSL2+ IP DSLAM**

----48Ports-IP DSLAM Support ADSL/ADSL2/ADSL2+

#### **Features:**

48 ADSL2+ Ports

Supports ANSI T1.413 Issue 2, ITU G.992.5, G.992.3, G.992.1 (G.dmt), ITU-T G.992.2 (G.lite)

Multimode (automatic modulation detection)

Supports packets transmit and receive statistics report.

Provides optimal rate/reach performance

Higher rates by limiting reach (up to 24.0 Mbps)

Longer reach b y reducing rate (distance up to 6.5 Km)

Bandwidth Management control on each port at 32kbps interval.

Build in splitter.

#### **Network Configuration Modes**

Gateway

Router

#### **ATM Support**

ATM Signaling UNI 3.1 & 4.0

PPP (RFC 2364) over ATM

RFC 1483

RFC 1577 (IP over ATM)

AAL0, AAL2, AAL5

ATM Service Class: UBR/VBR/CBR

32 VCs

#### **Interface**

1 RJ45 for Uplink

2 96PIN for Phone Line Connection

1 DB9 male (Null Modem) for Local Management

#### **Console Management**

CLI & Telnet Management

SNMP Management

#### **Operation Parameters**

Temperature 0 to 50 C (Standard)

Humidity 5% to 95% non-condensing

Altitude -200ft.to +15,000ft

Reliability MTBF 140,000 hrs minimum

#### **Dimensions**

440(L) mm x 455(W) mm x 42(H) mm

#### **Input Power**

-48V DC

85-265V AC

**Specifications are subject to change without notice.**



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : (86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

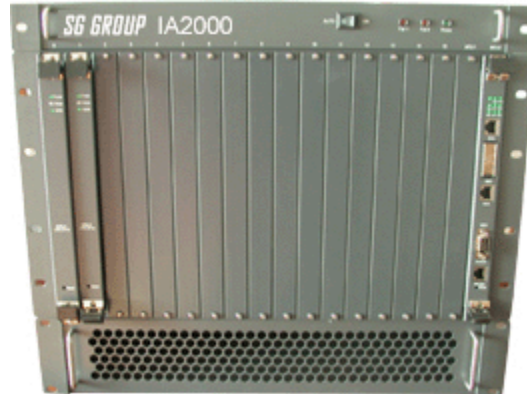
E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IPDSLAM Series-IA2000

Chassis IP DSLAM Up to 384Ports ADSL2+



#### Product Description

SG IA2000 system is the MDU (Multiple Dwelling Unit) Routing Concentrator most suitable for Internet Service Providers with MDU network such as Hotel, Motel, multi-tenant apartment, multi-tenant commercial, multi-tenant student dorm, campus, and local loop. The access routing concentrator can accommodate up to 12 line cards. With the high bandwidth flexible backplane design, the system combines variety technologies to meet with different kinds of market requirements such as ADSL2+ or VDSL2 Line Cards. The ADSL2+ Line Card supports the asymmetry data up to 24/1Mbps with rate control capability and distance up to 20K ft. The VDSL2 Line Card supports the asymmetry data up to 65/40Mbps with rate control capability and distance up to 10K ft.

The SG IA2000 MDU Routing Concentrator also provides the gigabit Ethernet routing switch control card with network management for the end-to-end operation, network administration, maintenance, and provisioning of the MDU access concentration. The gigabit Ethernet routing switch control card can aggregate traffic from phone line cards to an external network device. The phone line card can be operated either stand-alone or with the gigabit Ethernet routing switch control card. A pair of redundant power supply cards is special designed for the IA-2000 MDU Routing Concentrator, and it enables operation directly from AC power sources (or optional -48V power source). The wide AC voltage operating range supports worldwide operation.

The SG IA2000 system provides flexible and variety bandwidth services depend on the subscriber demand. This solution brings faster 24.0Mbps ADSL2+ with long distance and 110Mbps VDSL2 high-speed networking Internet services to the subscribers by using existing phone-line found in the home and business. Thus, the phone line cards share the existing POTS (Plain Old Telephone Service) wiring to provide connectivity to subscribers, eliminating the need for new wiring. With ADSL2+ and VDSL2, the voice and data operates simultaneously over the same pair of copper wire without interfering with voice service. The Concentrator can be remotely managed and software upgraded. This function eliminates the need for field upgrade. All cards are hot swappable which minimize service outage times.



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : (86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ **SG IPDSLAM Series-IA2000**

#### **Chassis IP DSLAM Up to 384Ports ADSL2+**

#### **ADSL2+ (Backward Compatible with ITU Standard G.DMT, G.lite and ANSI T1.413 i2) Features**

Provides ITU G.992.1 G.DMT and G.992.2 G.lite standards

Support multi-service ADSL

Backwards compatible and auto-detect, auto link with ADSL G.DMT, G.lite and T1.413 i2 devices

Provides automatic optimal rate/research performance

Higher rates by limiting reach (24.0Mbps up to 5k ft.)

Longer reach by reducing rate (800Kbps up 18k ft.)

Maximum reach at 64Kbps up to 23,000 ft.

PSD (Power Spectral Density) masks for co-existence with existing ADSL service

Supports packets transmit and receive statistics report

Provides optimal rate/reach performance

Bandwidth control on individual ports

#### **VDSL2 (DMT Based) Features**

ITU G.993.1 ETSI

TS 101 270

ANSI T1.424

China MII

Symmetrical data transmission up to 40Mbps

Asymmetrical data transmission up to 65M / 40Mbps

Supports packets transmit and receive statistics report

Provides optimal rate/research performance

Longer reach by reducing rate up to 10K ft

Bandwidth control individually

#### **System & Management Features:**

An optional GBIC Standard Interface with Hot Swappable port for uplink

2 x 10/100BASE-TX ports for uplink and downlink, with auto-negotiating and automatic MDI/MDIX (Flat and cross cable Auto cross-over)

One 100MBASE-FX port (Optional)

Supports port based VLAN on each port

Tag based VLAN on each Line Card up link channel

The Gigabit FX or Gigabit TX Ethernet Routing Switch card with network management capabilities to connect external network devices

Support Mixed voice-data networks

Provides port-based prioritization of packets Input ports are defined to be high or low priority

- Allows explicit identification of IP Phone ports

Flow control capabilities

- Provides back pressure for half-duplex

- 802.3x flow control for full-duplex

Supports Direct Input/Output (DIO) interface for configuration. A parallel port for configuration update (standard-alone mode) if without management card installed.

Special power saving mode for inactive ports

Transmit delay control capabilities and maximum delay guarantee (<1ms)

Each port can be individually enabled or disabled with management card installed



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ **SG IPDSLAM Series-IA2000**

**Chassis IP DSLAM Up to 384Ports ADSL2+**

Each Line Card can be configured in individual and group VLAN with uplink or concentration mode (for privacy and reduce traffic)

Open architecture for future hardware upgrade (such as WAN routers)

Support Stacking mode up to 32 systems (Optional)

Web-based network management

- Web browser support based on HTTP server and CGI parser

SNMP Management Agent and MIB II

Sun Solaris HP Open View, Castle Rock Computing SNMPc etc.

Telnet

SLIP

TFTP

BOOTP Client, BOOT Server

RADIUS Client

RMON and Storage for Ethernet Agent

IEEE 802.1d Spanning Tree

IEEE 802.1P/Q GARP/GVRP

Routing supports: RIP-1, RIP-2

Support IGMP Snooping

Protocol filtering

Multiple Administration levels

IP based management security

MAC based Intrusion control

DHCP-Relay Gateway

Built-in VLAN based DHCP Server

Port Based subscriber's information database

Each network port link status can be reported individually

Each subscriber's login status can be reported individually

Line Card based TX/RX packet monitoring

Local management via RS232 serial interface on the front of Routing Switch card

Remote access by using Telnet, SNMP, and Built-in Java-Based MIB Browser Management

Downloadable firmware upgrade to support new standards

Rich diagnostic LED support



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ SG IPDSLAM Sereies-IA2000

Chassis IP DSLAM Up to 384Ports ADSL2+

#### Product Specifications

##### Physical

Dimensions	-19(L)in x 15.75(W)in x 12.25(H)in
Weight	-<40lb

##### System

Power Supply	-AC Module: 100/265 VAC, 47 to 63 Hz Power -DC Module: -48V DC -Power Alarm event indication LED -Max. Wattage: 120W
Cooling Fan	-Cooling Fan Built-in
Altitude	-200ft. to +15,000ft
Humidity	-5% to 95% non-condensing
Temperature	-0°C to 60°C - Operating
Range	-10°C to 85°C - Storage
Certification	-FCC Class A

Specifications are subject to change without notice.