

IP DSLAM

065-9074/8 Series IP DSLAM has 24/48 ports subscriber line interface with POTS splitter built-in achieved 1U height space saving design. 065-9074/8 Series came with unique bandwidth management, flow prioritization and data flow security control key feature. 065-9074/8 Series provided QoS (quality of service) capability to meet triple play (voice, data, video) requirement, support ADSL/ADSL2/ADSL2+/G.SHDSL interface, stackable up to 8 065-9074/8 can be cascaded. No matters in features, performance, and cost wise, 065-9074/78 Series is the best choice for NSP (network service provider).

IP DSLAM

PART NO.	DESCRIPTION
065-9074	Signamax IP DSLAM ADSL/ADSL2+, 24 ports, 2x1000Base-TX Uplink
065-9078	Signamax IP DSLAM, ADSL/ADSL2+, 48 ports, 2x1000BaseTX Uplink
065-9081	Signamax IP DSLAM Uplink Module 1x100BaseTX + 2x1000Base TX
065-9082	Signamax IP DSLAM Uplink Module 1x100BaseTX + 1x1000BaseTX + 1x1000LX
065-9083	Signamax IP DSLAM Uplink Module 1x100BaseTX + 1x1000BaseTX + 1x1000LX
065-9094	Signamax IP DSLAM G.SHDSL.bis CPE unit, 4port switch, 4 wires
065-9098	Signamax IP DSLAM G.SHDSL.bis CPE unit, 4port switch, 8wires

SPECIFICATIONS

SYSTEM FEATURES

48/24 ports interface ADSL/2+ subscriber interface with built-in POTS Splitter
 48/24 ports G.SHDSL/G.SHDSL.bis subscriber interface (optional)
 One 100BaseT MGNT+ Two 1000BaseT or one Giga LX Uplink/Subtend
 Interface optional, Stackable up to 8 units to be cascaded
 Centronic 50 pin connector for line in and out
 8 VCs per xDSL port, 128 MAC address per xDSL port
 48*128 MAC address, Packet size 64 byte to 1,522 byte
 PPPoE Intermediate Agent, DHCP Relay Agent
 Inter-Working: IPOA to IPOE Trunneling, PPPoA to PPPoE
 inter-working, Multiple mechanisms of prioritizing traffic

MULTICAST

- Up to 256 multicast addresses
- IGMP v1, v2, v3
- Multicast VLAN mapping: Independent VLAN multicast (IVM), Shared VLAN Multicast (SVM)
- Handle PPPoE Encapsulated IGMP packets

BRIDGING

- Ethernet Bridging - Broadcast, Flooding/Dropping
- VLAN bridging: 512 VLAN support, Static VLAN, VLAN Stacking, VLAN Trunking

ADSL/ADSL2/ADSL2+ INTERFACE

ADSL/ADSL2/ADSL2+: Downstream DMT data rate 32 Kb/s up to 25 Mbps;
 Upstream DMT data rate 32 Kb/s up to 1 Mbps
 Comply with ITU G.992.1 (G.DMT); G.DMT.bis; ITU G.992.2 (G.Lite);
 ANSI T1.413 issue 2; ITU G.994.1 (G.handshake) for ADSL,
 G.992.3 for ADSL2, and G.992.5 for ADSL2+
 Extended power management capabilities to optimize power consumption
 for each application, Distance up to 18 kft

G.SHDSL/G.SHDSL.BIS INTERFACE

G.SHDSL: Symmetric transmission rate up to 2.3 Mbps (2-wire)
 G.SHDSL.bis: Symmetric transmission rate up to 5.7 Mbps (2-wire)
 Comply with G.991.2

MANAGEMENT

Microsoft windows based GUI MSE
 Local RS-232 CLI and Ethernet SNMP/TELNET management
 Remote in-band SNMP/TELNET management
 Firmware upgradeable via FTP or TFTP, Support SNMP v1, v2c

PROTOCOLS SUPPORT

STP; IGMP snooping, GMRP, GVRP, LACP,
 SNMP/UDP/IP/MAC/Ethernet

OPERATING REQUIREMENTS

Operating Temperature: 0° – 50 °C
 Storage Temperature: -30° – 70 °C
 Operating Humidity: 5-90% RH non-condensing
 Dimension (D x W x H): 400 x 440 x 44 mm
 Weight: 6.8 kg
 AC power model: 90 – 240V AC, 50 – 60 Hz
 DC power model: -42 to -56 VDC
 Power Consumption: 100 Watts

UPLINK UPGRADEABLE MODULE INTERFACE

1*1000BaseT-MGNT+2*1000BaseT
 1*1000BaseT-MGNT+1*1000BaseT+
 1*1000Fx (SX/LX/LH/ZX)

QoS

Input Rate Limiting (IRL) on a per-AAL5 interface
 Output Rate Limiting (ORL) on a per ATM-port
 and Ethernet basis
 Rate Limiting

SECURITY

Throtting Control, Sticky Bridge Ports
 MAC Adress Access Control List,
 IP Adress Access Control List