



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

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

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### ➤ Net-Guard



#### Detailed Product Description:

SG Net-Guard series (NG) is remarkable product for fulfilling Network Behavioral Management. It involves a distributed database, auto polling of network devices, and high-end workstations generating real-time graphical views of network topology changes and traffic. Such service employs a variety of tools, applications, and devices to assist human network managers in monitoring and maintaining networks.

This Network behavioral management model mainly concerns in five areas:

#### Performance Management

The goal of performance management is to measure and make available various aspects of network performance so that internetwork performance can be maintained at an acceptable level.

#### Configuration Management

The goal of configuration management is to monitor network and system configuration information so that the effects on network operation of various versions of hardware and software elements can be tracked and managed.

#### Accounting Management

The goal of accounting management is to measure network utilization parameters so that individual or group uses on the network can be regulated appropriately. Such regulation minimizes network problems (because network resources can be apportioned based on resource capacities) and maximizes the fairness of network access across all users.

#### Fault Management

The goal of fault management is to detect, log, notify users of, and (to the extent possible) automatically fix network problems to keep the network running effectively. Because faults can cause downtime or unacceptable network degradation, fault management is perhaps the most widely implemented of the ISO network management elements.

#### Security Management

The goal of security management is to control access to network resources according to local guidelines so that the network cannot be sabotaged (intentionally or unintentionally) and sensitive information cannot be accessed by those without appropriate authorization. A security management subsystem, for example, can monitor users logging on to a network resource and can refuse access to those who enter inappropriate access codes.

**Net Guard: NG20/ NG50/ NG100/ NG200/ NG500/ NG2000/ NG5000**



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### Specification:

Dimensions (L\*W\*H) (mm) : Half-1U Rack or 2U Rack

Interface/Data Rate: LAN 10/100Mbps (RJ-45)\*1; WAN 10/100Mbps (RJ-45)\*1 standard up to max. 3 interfaces of 10/100/1000Mbps, LAN\*1 WAN\*2 (RJ-45)

Hard Drive: 160G standard up to max. 320G \*2 (RAID 5)

Data Throughput: 30M standard up to max.3000M

Max. Num Connections: 20,000 standard up to max. 3,000,000

Use Num in perfect efficiency: 20 people standard up to max. 5000 people

	NG20	NG50	NG100	NG200	NG500	NG2000	NG5000
Rack	1.5U	2U	2U	2U	2U	2U	2U
Interface/Data Rate	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
Hard Drive	160G	160G	250G	250G× 2	320G× 2	320G× 2	320G× 2
Data Throughput	30M	75M	120M	250M	450M	1000M	3000M
Max. Num Connection	20000	60000	128000	400000	1000000	1600000	3000000
User Num in perfect efficiency	20	50	100	200	500	2000	5000