

STN2854

STN IP/GPRS POS Gateway



FEATURES

The most important advantages provided by STN Gateway are as follows:

- Routing ISO8583 messages to different hosts by using NII protocol
- Hardware and software featuring simultaneous backup & uninterrupted operational configuration for Redundancy
- Routing parameter messages to different servers
- SSL (TLS) connection supporting for all ports and Hosts
- Supporting 4000Tps / 8000 session concurrently with permanent connection
- Supports 4 x Downlink cards independently with different Vlan and Gateway
- Routing through 8 listening ports and port-specific separate policy definitions
- Routing up to 20 target hosts by using "incoming port" and "NII" protocol over permanent connection
- IP and DNS host configuration supporting for different Host Load balancing among hosts
- Web-based management (Https)
- Supporting console connection by serial cable or by Ethernet (SSH)
- Host mapping over specific port without NII checking and Destination NII override
- Collecting information about IP & Gprs Pos over Stnview
- Advanced debugging tools (Syslog message or Tcp dump)
- Advanced features for monitoring, planning and controlling server loads
- Efficient management of the system through monitoring and reporting number of reverse transactions (ISO8583 - 0400 messages) occurring in the system
- Prompting necessary warnings to the business units by determining alarm/warning thresholds through effective management interface
- Supporting integrated configurations through ability to integrate with the available network management systems
- Superior performance features (number of packets processed per second)
- In case of reboot, Stn Gateway restarts in 30 seconds, it maximizes availability of the system and prevents data loss.
- STN Gateway supports remote firmware upgrade.
- Backup and Restore configuration of device is performed by remotely over web

STN Gateways

The Total Solution for transaction switching:

Data traffic, generated by IP POS (ADSL) and GPRS POS devices rapidly becoming widespread today, is currently handled with various network solutions at the banking centers. Among these solutions, there are various devices such as servers incorporating encryption software, port routers and load balancers. These products, each having separate management interface and managed by different parameters, while complicating problem identification processes, can also dangerously mask underlying problems.

With its STN2854 product family, STN is providing an effective solution to all these problems. Thanks to innovative solutions offered by two different models of STN IP gateway products, all kinds of customer needs are satisfied at the highest possible quality level.

In addition to the above-mentioned features, STN2854 product family can easily be integrated with STN2612- STN2681 analog and digital dial-up POS network products to form integrated systems.

The STN Gateway acts like a firewall. Only expecting pos messages are allowed to send to the related server of Bank. This feature protects the Server from harmful messages and attacks. Also in this way provides Server's all resources are available.

With web interface, you can see all of the statistical informations between Terminal (P.O.S) and host. With redundancy as Cluster IP, any terminal does not need to know the real ip address of the STN device.

This helps you if needed to change the machine or their ip address.

STN2854 SERIES SPECIFICATIONS PHYSICAL SPECIFICATIONS

PHYSICAL DIMENTIONS:

4U height, 19" Rack Mountable
Fast reboot time
Solid State Disk (for OS)
Embedded Linux OS.
Dual Power Supply Support (Hot Swappable)
Standart PC I/O ports (Usb, Mouse, Keyboard, Monitor out)
2 x Ethernet Interface for Uplink (10/100/1000Mbps)
4 x Ethernet Interface for Downlink (10/100/1000Mbps)

ELECTRICAL:

AC Power: 85/230 VAC, 50/60 Hz, Standard dual power supply, Autosensing

OPERATING ENVIRONMENT:

Humidity: %25-%95 non-condensing
Operating Temperature: 0 - 50 C

DIMENSIONS

(W x H x D) 482 x 177 x 479 mm (19" x 7.0" x 18,9")

WEIGHT

(4U) 17,6 kg (38,7lb)

