

VigorIPPBX 2820 Series



Enterprise-level / Multi-locations IP Telephony System for SMB

SMB, your endless wiring nightmares as configuring new extensions in the legacy PBX system are going to end. Just plugging/unplugging for the configuration! This is what VigorIPPBX 2820 embedded browser-based admin-function can do for multiple IP-based phones (up-to 50 IP-phones) located under different LAN. As DrayTek's tradition, we always give you multiple benefits at one device. Let's see some details!

Save your money

The simplicity is opposed to costly services charged by legacy PBX vendors. IP-only system really affects the bottom line, such as the reduced cost of add-on extensions, changes, moves and the labor of wiring a single converged network. Moreover, VigorIPPBX 2820's feature-rich PBX with the networking advantages and the trunking & scalability allows you to say goodbye to those all-in-one expenses of call management through traditional PBX.

Integrated Telephony

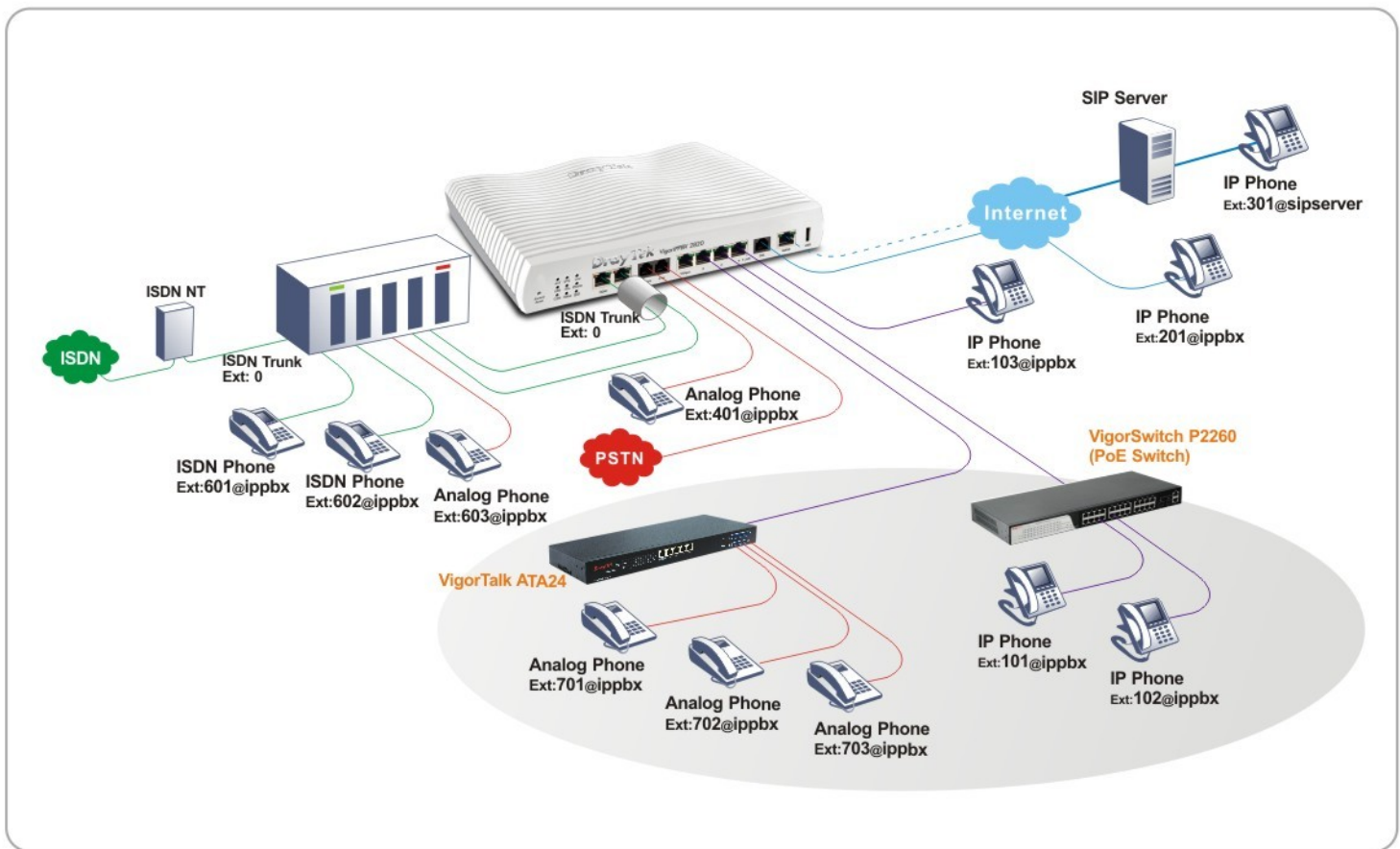
VigorIPPBX 2820's ISDN/PSTN compatibility lets you move to highly integrated networking infrastructure, the voice trunking of ISDN, Analog and VoIP to meet different communication needs. Meanwhile, its built-in Digit Map function (Least Cost Routing) allows you to set up rules for particular call destinations through the most cost-effective way to reach them.

Stable Voice Quality

DrayTek has never forgotten the fundamental thing of voice communication, voice quality. The unified data applications and voice network of VigorIPPBX 2820 lets demands on the voice packet prioritization of the LAN infrastructure to assure quality of voice.

As a result, users can have high quality voice communication; in the meantime, enjoy the cost-effective communication from the IPPBX system and integrated telephony solution provided by VigorIPPBX 2820.

The Integration of ISDN Telephony, PSTN Network and VoIP Connection



- The establishment through DSL Internet.
- Flexible second WAN for back-up.
- IP-based telephones with ext. no. 101 & 102 are connected to LAN ports of the VigorSwitch. Analog telephones with ext. no. 701, 702 & 703 are connected to the VigorTalk ATA24 and are registered at the VigorIPPBX 2820.
- The IP-based telephone with ext. no. 103 and remote IP-based phone ext. no. 201 are registered on the VigorIPPBX 2820.
- The IP-based phone with ext. no. 201 is at remote site.
- The VigorIPPBX 2820 seamlessly integrate with ITSP services (allow you to register at a SIP server).
- The remote IP-based phone with ext. 301 is registered at a SIP server.
- The ISDN phones with ext. no. 601 and 602 are connected to ISDN PBX.
- The ISDN PBX also provides analog extensions to allow analog phones to be connected. The analog phone with ext. no. 603 is connected to the ISDN PBX.
- The analog land line is connected to the "Line" port.
- The analog phone is connected to the "Phone" port and is using ext. no. 401 at VigorIPPBX 2820.
- The ISDN PBX's two internal lines are connected to the TE-interfaces of the VigorIPPBX 2820.

VigorIPPBX 2820

**IP PBX**

- 50 IP Phone Registrations
- 6 external SIP trunks registration through LAN, WAN and VPN
- VoiceMail
- VoiceMail to e-mail
- Auto Attendant
- Telephonebook*
- Day and Night Mode
- Music on Hold

Network functionalities

- Multiple ADSL protocols
- WAN: DHCP/Static IP/PPPoE/PPTP/L2TP*
- Load Balancing and Fail-over
- 32 simultaneous VPN tunnels (server/client)
- SPI and object-based firewall
- Content Security Management (CSM)
- VLAN
- Quality of Service
- TR069 network management protocol

Hardware

- Integrated ADSL2/2+ Modem
- Dual WAN port
- USB2.0 port for network printer, 3.5G USB modem and FTP*
- 4 ports switch
- Gigabit LAN interface
- 2 ISDN NT/TE ports
- 1 analogue phone port
- 1 lifeline port
- 19 rackmountable

* Firmware Upgradable

Recommended Accessories

VigorSwitch P2260

- 24 ports 10/100 Fast Ethernet ports Layer 2 managed PoE network switch
- VLAN features for providing both security and performance
- Layer 4 classification for QoS function to assist real-time applications
- Port Mirroring mechanism for monitoring network without breaking down data flow
- Dual media ports for flexible fiber connection switching
- Port trunk for balancing traffic load
- 802.1x Access Control for improving network security
- 802.1d compatible & 802.1w Rapid Spanning Tree for failover backup
- Broadcast/Multicast Storm Control for preventing flooding in the network

VigorTalk ATA-24



- High quality VoIP calls and supplementary service
- Denial-of-Service (DoS) for securing against intruders/attackers
- Bandwidth-guarantee and high stability for VoIP
- Easy installation configuration , and management through user-friendly WEB interface and VigorCMS
- EMS management (VigorCMS) for configuration management, topology management, security management, fault management and backup / restore storage management
- High availability provides a non-stop and reliability network access devices

VigorPhone 350



- Workable with VigorIPPBX series for auto provision capability
- Support G.722 codec for your crystal-clear voice quality
- Multi-SIP registration with different Proxy (up to 10 accounts) for managing your various calling purposes
- PoE and general power supply connection convertible for fitting your power supply structure
- GUI & LCD Menu configuration for easing your adoption
- BLF (Busy-Lamp Field) for easing your call management processes via its user-friendly switchboard-like features
- TR-069 compatible via firmware upgrade for your centralized management needs

Please contact your nearby DrayTek partner for further information.