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# VOIP AND MULTIMEDIA SOLUTIONS CATALOGUE

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## INTRODUCTION

The voice and multimedia solutions department provides solutions of voice communications, videoconferencing systems, intercoms and access control systems for small and medium businesses..

### **NAG voice and multimedia solutions equipment includes:**

- ↳ **RulerIP-PBX**  
corporate level for organizing communications between subscribers with a modular structure and the necessary set of functions.
- ↳ **VoIP gateways with FXS interface,**  
which allow you to connect an analog telephone to the Internet to transmit voice traffic.
- ↳ **SeriesIP phones -**  
convenient, functional and reliable devices.
- ↳ **Solutions for video conferencing**

SNR phones use a full-duplex speaker and microphone system with modern audio technologies, as well as effective noise reduction, providing good sound quality and crystal clear communication quality.

SNR phones use a full-duplex communication system with modern audio technologies, including effective noise reduction, which provide excellent sound quality.

SNR phones are fully compatible with 3CX, Asterisk, Broadsoft, Freeswitch Platform and PBXs of all vendors that support the SIP protocol.

## ENTRY-LEVEL IP PHONE SNR-VP-72-P



- ✓ 2 SIP accounts
- ✓ Graphic display 2.3", 132x64 px
- ✓ 2 RJ45 10/100M Ethernet ports
- ✓ PoE support

IP phone for small and medium business office employees. The phone has an elegant design and an intuitive user interface, ideal for business communication. The phone is equipped with a 2.3" graphic 132x64 pixels LCD display, allowing you to display a sufficient amount of visual information on the screen.

## IP PHONE SNR-VP-76-CG-P



- ✓ 6 SIP accounts
- ✓ 2.8" TFT display 320 x 240 px and backlight
- ✓ 2 RJ45 10/100/1000 M Ethernet ports
- ✓ PoE support

IP telephone for office workers and receptionists. Quick access to contacts is provided by 15 programmable keys and 6 keys with support for the BLF function - line busy indication. Each function key can be configured for various functions. High resolution TFT display with backlight makes working routine even more convenient and pleasant.

## IP PHONE SNR-VP-54-CG



- ✓ 4 SIP accounts
- ✓ 2.8" display 128x64 px and backlight
- ✓ 2 RJ45 10/100/1000 M Ethernet ports
- ✓ PoE support

IP telephone for office workers and receptionists. Quick access to contacts is provided by two color displays 2.8" and 2.4", as well as 6 speed dial buttons with support for the BLF function of line busy indication.

Business class models feature advanced technical characteristics and a more representative design. Such phones are destined for senior employees and top managers who appreciate both quality and functionality.

## IP PHONE SNR-VP-77-CG-P



- ✓ 20 SIP accounts
- ✓ 4.3" color display 480x272 px and backlight
- ✓ 6-way audio conference
- ✓ 2 RJ45 10/100/1000 M Ethernet ports
- ✓ PoE support

IP phone with a large number of function keys and support for the BLF function of line busy indication provides ease of use. Large color display with backlight will facilitate work with the phone menu. 6-way audio conference expands communication possibilities. And the use of HD Audio technology together with a large number of available codecs and advanced voice processing functionality, echo and noise suppression will provide excellent sound quality and give pleasure from communication with clients.

Accessories are designed to expand the functionality of IP phones and enhance user convenience.

## HEADSET SNR-HS9500-D



- Speaker frequency range from 150 to 6800 Hz
- Resistance 32 Ohm ± 15%
- Speaker sensitivity 103 ± 3 dB
- Microphone frequency range from 100 to 10,000 Hz
- Call control from a distance of up to 10m
- Talk time up to 21 hours

The wireless Bluetooth headset is suitable for both call center employees and ordinary office workers. Due to its light weight, using the headset for a long time will not cause any discomfort. And the ear pads made of eco-leather make it a pleasant and more hygienic solution.

Modern, high-quality processing technologies create high-quality and clear sound, and a noise-canceling microphone will protect you from extraneous sounds during negotiations.

A VoIP gateway (or voice gateway) is a device designed to connect traditional (or analog) telephones or office PBXs to an IP network to transmit voice traffic through it.

VoIP gateways of the SNR-VG series are equipped with FXS interfaces for connecting analog telephone sets for transmitting voice traffic over IP networks. SNR-VG gateways operate on the SIP protocol and are fully compatible with hardware PBX and SoftSwitch. Suitable for use in operator and corporate networks.

## SNR-VG-1000



- 2xFXS and 8xFXS
- IPv4 and IPv6 support
- TR069 and SNMP support
- Radius support
- VLAN support
- Debug functions: PCAP and syslog
- Fax over IP
- Dialing mode: tone/pulse
- Line length up to 3 km

## SNR-VG-2000



- ✓ 2xFXS and 8xFXS
- ✓ IPv4 and IPv6 support
- ✓ TR069 and SNMP support
- ✓ Radius support
- ✓ VLAN support
- ✓ Debug functions: PCAP and syslog
- ✓ Fax over IP
- ✓ Dialing mode: tone/pulse
- ✓ Line length up to 3 km



IP PBX is designed for small and medium-sized businesses. Provides connection to various interfaces depending on the customer's needs: FXO (CO), FXS, GSM/VoLTE and VoIP/SIP. Fully compatible with all modern VoIP gateways operating on the SIP protocol. Provides high fault tolerance, efficiency and reliability.

## SNR-A100



- ✓ 60 SIP users / 15 simultaneous calls
- ✓ 2 x FXO ports
- ✓ Wi-Fi 2.4 GHz
- ✓ 1 SD card slot
- ✓ 2 x 10/100 Mbps
- ✓ 1 x USB 2.0

Supports up to 60 users, allows up to 15 simultaneous calls.

It has all the basic functions of a PBX, provides high performance and excellent quality.

## SNR-A200



- ✓ 500 SIP users / 30 simultaneous calls
- ✓ 4 x FXO ports
- ✓ Wi-Fi 2.4 GHz
- ✓ 1 SD card slot
- ✓ 1 console port
- ✓ 2 x 100/1000 Mbps
- ✓ 1 x USB 2.0

Supports up to 500 users, allows up to 30 simultaneous calls.

It has all the basic functions of a PBX, provides high performance and excellent quality.

## SNR-A300



- ✦ 800 SIP users / 100 simultaneous calls
- ✦ Maximum up to 32 FXS/FXO ports, or 4 E1/T1 ports
- ✦ 2 GE ports for efficient data transmission
- ✦ New hardware architecture with powerful processor and DSP
- ✦ Intuitive web interface
- ✦ Automatic deployment of IP phones

High-performance IP PBX of the new generation for medium and larger enterprises. In the basic configuration, the IP PBX supports 800 users and 100 simultaneous calls. It can be expanded to 1000 subscribers and 200 simultaneous calls. For connecting interfaces: E1 / T1 / FXS / FXO, 4 slots for installing boards are provided.

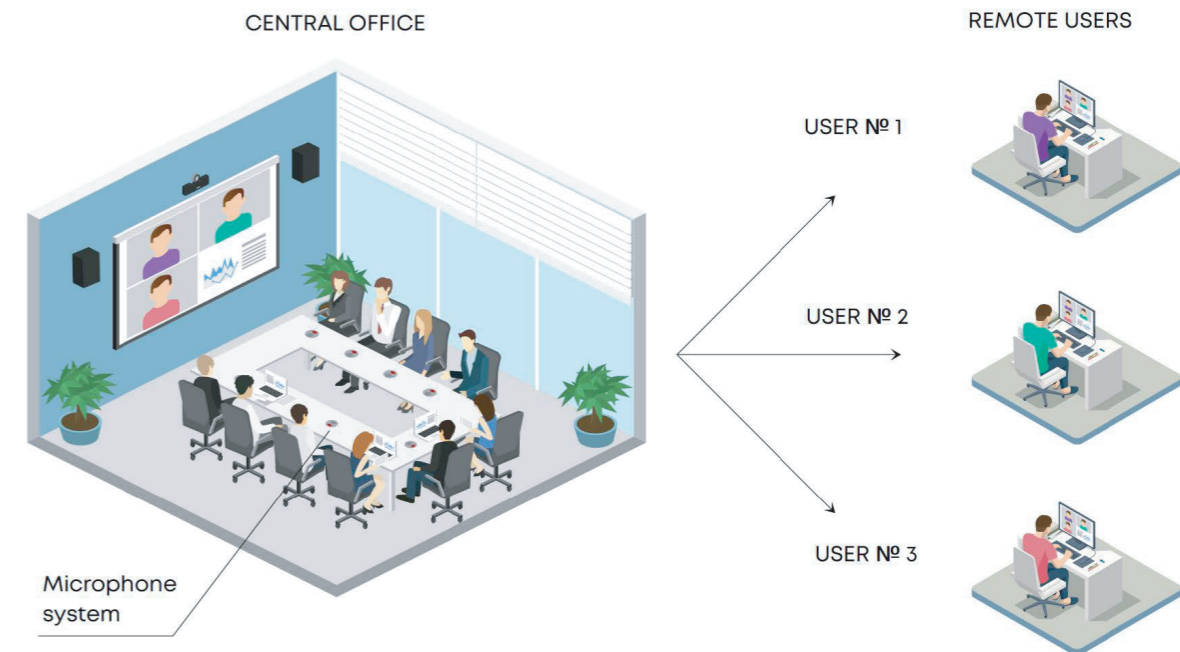
The UC350 IP PBX supports voice, video, paging, fax, conference, recording and other useful functions.

## VIDEO CONFERENCE SYSTEMS

Corporate video conferencing is a set of technologies that allow communication to reach a qualitatively new level, where the effect of presence is achieved.

Modern video conferencing allows you to transmit video, photos, sound, files, messages in text chat and much more, which creates the effect of presence during events.

Manufacturers today offer a wide range of equipment for organizing a meeting room. There is a solution for every task.



To set up a meeting room, you will need a minimum set of equipment: a videoconferencing terminal (or codec), an information display device, such as a TV, a microphone and a speaker.

A remote participant can connect to the conference using a desktop computer or laptop, a tablet, or even a telephone.

## VIDEO CONFERENCE SYSTEMS

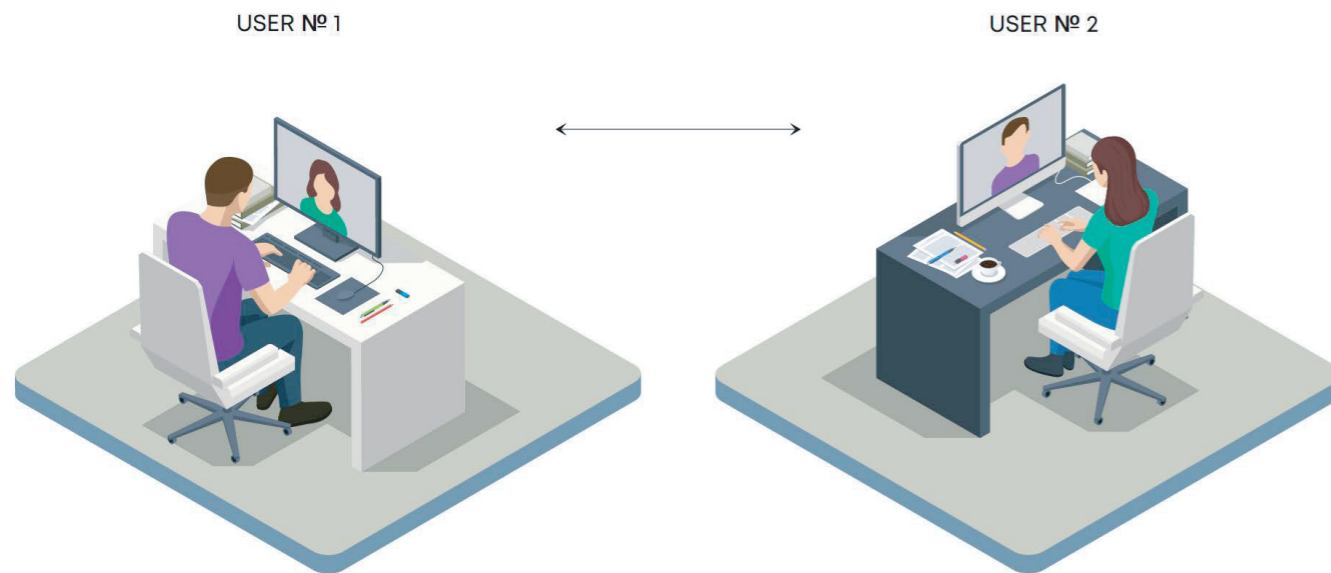
**Video conference** (VCS - Video Conferencing System) - communication between two or more people in different locations for the purpose of transmitting images, text, video and voice.

Video conferencing systems can be divided into several types.

By number of participants:

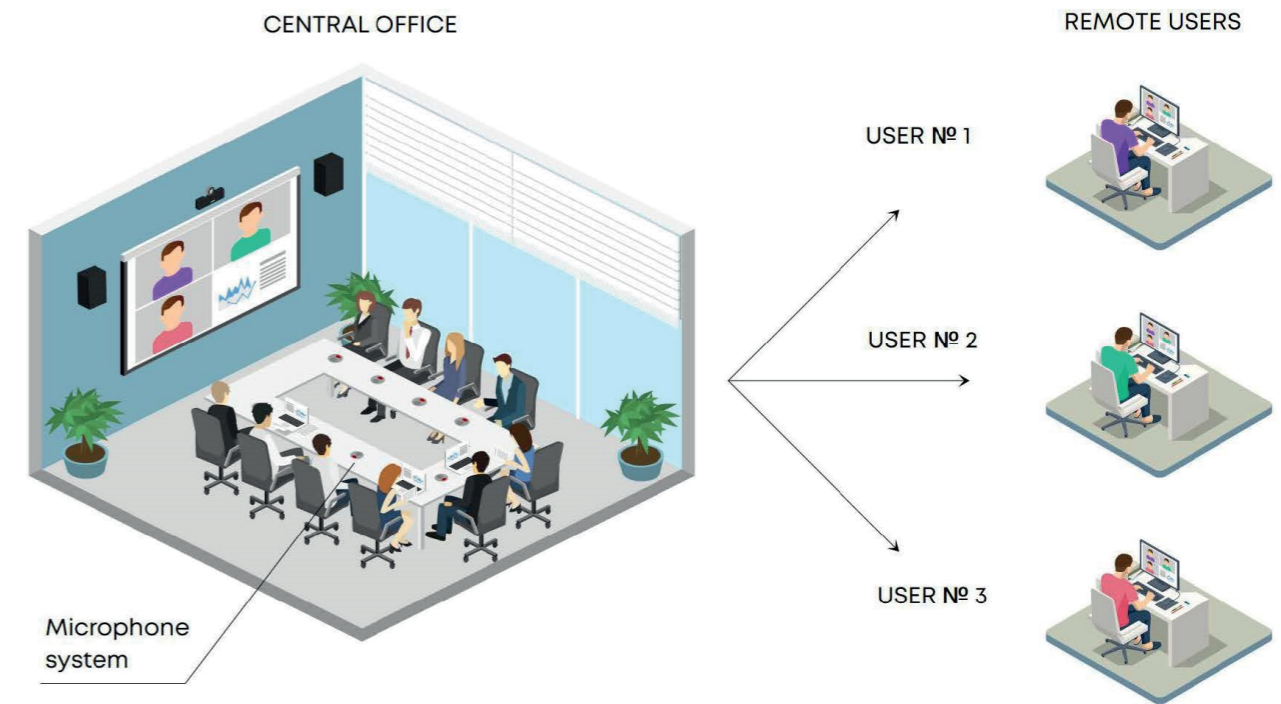
### Personal (point to point)

A video conference session with two conference participants



### Multipoint

A video conference where all participants can see and hear each other. The rights of the participants are defined as the roles of the system administrator at the conference planning stage and the presenter in real time during the conference.



The benefits we get from using video conferencing systems:

- ↳ **Cost reduction** for employee business trips
- ↳ **Fast communication** = quickly and efficiently resolve the issue
- ↳ **More convenient information exchange**, unlike telephony. Visual information perception
- ↳ **Business efficiency**

The VKS ecosystem includes:

- ↳ **Output devices**: LCD panel, projector, video wall
- ↳ **Videoconferencing equipment (videoconferencing terminal, codec)** - the central node of the system, which deals with the processing, reception and transmission of all information
- ↳ **Audio system**: includes a microphone system and a sound output system



NAG is a leading telecom and IT solution provider representing a 20-year history of expertise. NAG has been working with a large number of customers in the CIS and around the world since 2004 providing the following solutions:

- full range of equipment for telecom operators;
- L2 and L3 Networking solutions;
- SOHO WiFi Routers and IPTV STB equipment;
- intelligent video surveillance systems with built-in analytics;
- Servers and Storages;
- Infrastructure and Power supply solutions.

With over 650 dedicated employees, including a strong engineering team of 150+ employees, NAG operate offices in Dubai (UAE), Almaty (Kazakhstan) and Tashkent (Uzbekistan). Our logistics centers in Washington (USA) and Shanghai (China) allow working directly with foreign partners and ship out goods with the highest quality and optimized timelines.

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— developer of equipment and solutions for the telecommunications industry, industry and business. We have accumulated extensive experience in the development and construction of communication networks, data transmission networks, as well as network infrastructures and information security systems.

