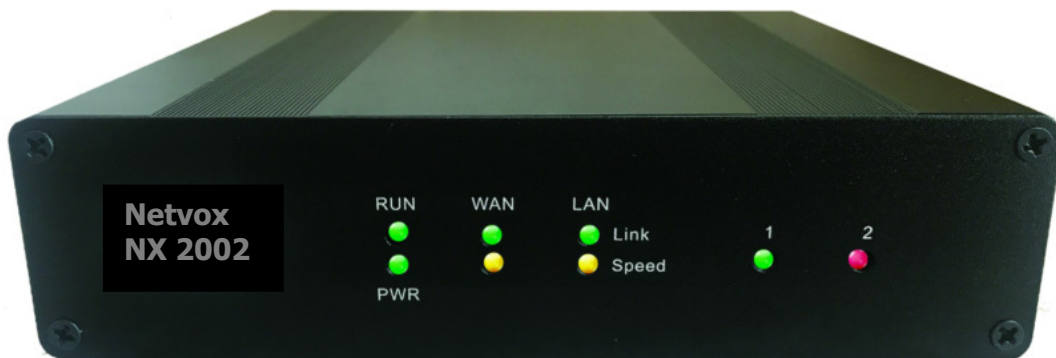

NX2002

Unified Communication Solution for Home / Home Office

NX2002 is an embedded Mini SIP server which integrates Video Intercom and Telephone functionality into one single box. It enables Home / Home office users to use the same handset for both Intercom and Telephone calls thereby eliminating the need for separate hardware and cabling for intercoms and telephones ensuring cost savings.

NX2002 supports both Traditional and VoIP lines and is compatible with a wide range of IP Video/ Audio Phones. Advanced features include Voicemail, Voicemail to Email, Remote Extensions etc.; it can also forward intercom and telephone calls to mobiles if needed so you never miss a call.



Key Features

- Supports 2 Traditional lines, 2 VoIP lines and upto 20 SIP Extensions.
- Supports connection of an analog device i.e. Cordless / Telstra Phone.
- Customizable combination of 2 FXO or 2 FXS or FXO + FXS module.
- Easy to manage via web-based interface for configuration and maintenance.
- Perfect interoperability with a range IP Audio / Video Phones, Soft Phones.
- Strong security using SRTP, TLS , HTTPS and integrated Firewall.
- Delivers exceptional cost savings, enhances productivity and efficiency.
- Energy saving system with low power consumption for green Home / Office.

Voice Processing

- Protocol: SIP(RFC3261),IAX2
- Transport: UDP, TCP, TLS, SRTP
- DTMF Mode: RFC2833, SIP INFO, In-band
- Voice Codecs: G.711 (alaw / ulaw), G.722,G.726, G.726aal2,G.729A, GSM, ADPCM, Speex, ilbc,H263,H264
- Echo Cancellation: ITU-T G.168 LEC

PBX Features

- Call forward
- Call transfer
- Call waiting
- Call back
- Call routing
- Call ID
- DND
- DISA
- Conference
- Queue
- Ring group
- Paging/Intercom
- Voicemail
- Voicemail to Email
- IVR
- CDR
- Blacklist
- Music on Hold
- Office hours
- Auto Provisioning
- Call Recording
- Reminder Call

Interface

- 2 FXO or 2 FXS or FXO + FXS port
- Dual 10/100Mbps RJ45 Ethernet port(s)
- Peripheral Ports: USB
- LED indicators: POWER, Run, Network, PSTN
- Reset button

Network Features

- Network Protocol: UDP, TCP, TFTP, HTTP, SSH,RTP,SRTP,ARP,NTP
- NAT Traversal: Static NAT, STUN
- HTTP/HTTPS web server
- Digest authentication using MD5
- Static Route
- Open VPN
- VLAN
- QoS/ToS
- DDNS
- Firewall

Maintain & Upgrade

- Web based configuration
- Configure backup/restore
- Firmware upgrade by Upload /TFTP
- Web login password modify
- Blacklist
- Packet Capture
- IVR Customization
- Text to Wav
- Call Detail Record (CDR)
- System Logs
- SMTP
- Factory reset, Reboot
- Ping

Physical Properties

- Power Supply: DC 12V, 1.0A (Input: AC100-240V,50-60Hz)
- Power Consumption:9W
- Temperature(Operation): 0 °C ~50 °C (Storage): -20 °C ~80 °C
- Operation Humidity: 10%-90% No Condensation
- Dimension(W/D/H): 159*163*40mm