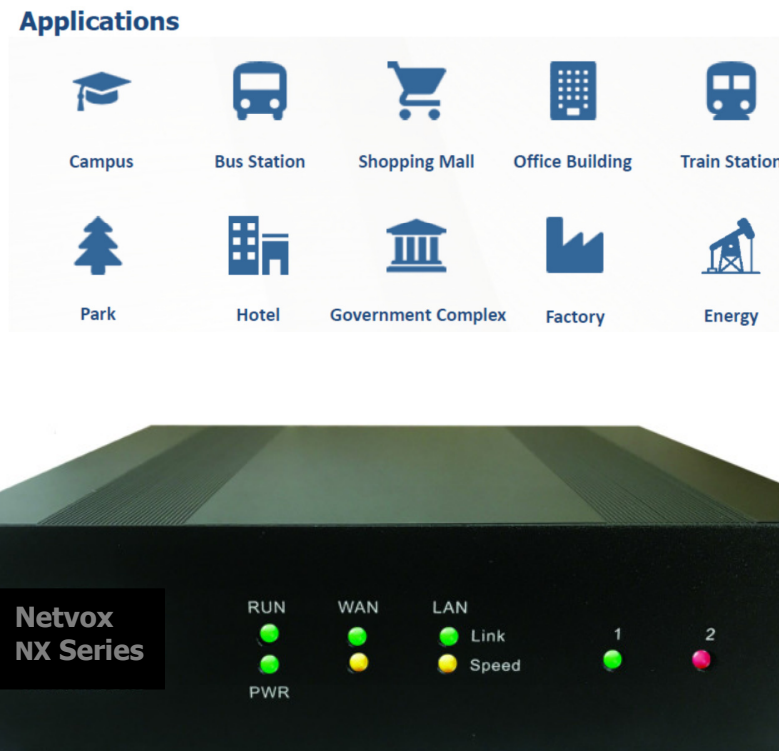


NX Series Paging and Intercom Server

NX Series embedded servers provide an easy, flexible and cost effective solution for both Paging and Emergency Intercom thereby eliminating the need for separate hardware and cabling ensuring cost savings.

Features such as Zone PA, Emergency Intercom are available within the server when combined with SIP paging endpoints i.e. Paging Speakers, Microphone Consoles, Gateways, IP Phones, IP Door Intercoms, Softphones, etc.



- **Live announcements can be made from an IP Phone or SIP Microphone Console to specific speakers, zones or entire network.**
- **Time based scheduled / preprogrammed announcements to specific speakers, zones or entire network.**
- **Supports announcements over both local and wide area networks.**
- **The system also supports intercom calls when combined with audio or video emergency intercoms and phones**
- **Live monitoring of speakers / zones with two way talkback when combined with speakers having integrated Mics.**
- **Option to forward emergency after hour's intercom calls to external phones.**

NX Series Paging and Intercom Server

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.726a,G.729A, GSM, ADPCM, Speex, Ilbc.
- Video Codecs: H263,H264
- Echo Cancellation: ITU-T G.168 LEC

PA & Intercom Features

- Live Announcements
- Scheduled Announcements
- Speed dial for PA
- Call Monitoring
- PA & Intercom call Recording
- PA Password Authentication
- Endpoint Status Monitoring
- PSTN, Cellular trunk integration
- DISA
- Conference
- Reminder Call
- Remote endpoint paging
- Paging Barge in
- Blacklist
- Music on Hold
- Office hours
- Auto Provisioning

Interface

- PSTN Trunk module , 3G module
- 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

System Hardware options

- NX20 upto 20 SIP endpoint registrations, (W/D/H): 159*163*40mm.
- NX50 upto 50 SIP endpoint registrations, Dimension (W/D/H): 185*152*45mm.
- NX100 upto 100 SIP endpoint registrations. Dimension (W/D/H): 220*197*45mm.
- NX 500 upto 1000 SIP endpoint registrations. Dimension (W/D/H): 323*197*45mm