

NRP1542G/P Enterprise IP Phone



NRP1542G/P enterprise IP phone is designed for business managers and busy office professionals to streamline communication and enhance collaboration with its HD voice, 20 SIP lines, up to 106 DSS keys, Built-in Bluetooth, Wi-Fi connectivity(Via Wi-Fi dongle), IP camera / SIP video door phone integration, codec H.264 support for receiving video calls and more!

Highlights

- 20 SIP lines, 3-way conference, hotspot
- HD audio on speakerphone and handset
- 4.3" main color display, 2x3.5" side color displays for DSS keys
- Built-in Bluetooth
- Wi-Fi connectivity(Via Wi-Fi dongle)
- Up to 106 DSS keys(42 tri-colored physical keys)
- Video Codec H.264 support for receiving video calls
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 40 and 50 degrees
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

NRP1542G/P Technical Specifications

Generic

- 20 SIP Lines
- HD Voice
- Support receiving video call
- PoE Enabled
- 3 LCDs (Main+DSS)
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys(Virtual buttons)
- Optional External Power Supply

Phone Functions

- Local Phonebook (2000 entries)
- Remote Phonebook (XML/LDAP, 2000 entries)
- Call logs (In/out/missed, 1000 entries)
- Black/White List Call Filter
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Built-in Bluetooth 2.1: Support Bluetooth headset
- Support Wi-Fi Dongle
- Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Flash Drive or Server Recording)
- Action URL / Active URI
- uaCSTA

Video

- Video decoding: H.264
- Video call resolution: QCIF/VGA/CIF

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)

- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (On server)
- 3-way Audio Conference
- Hot Line
- Hotdesking

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- HAC handset
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729A/B, AMR, iLBC
- Wideband Codec: G.722, AMR-WB, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode:IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR(RFC3611),VQ-RTCPXR(RFC6035)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN

- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP
OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

USB dongle or Flash Driver

- DC Power Input: 5V/2A
- Power Consumption (PoE): 2.6~ 9W
- Power Consumption (Adapter): 2.4~8W
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Color: Dark gray
- Gift Box Dimensions: 323 x 301 x 71mm
- Outer CTN Dimensions: 624 x 383 x 348mm (10 PCS)
- Device Dimensions
 - Desktop Stand (Angles 1): 309 x 214 x 187mm
 - Desktop Stand (Angles 2): 309 x 226 x 167mm
- Keypad: 77 keys, including
 - 4 Soft-keys
 - 6 Function keys (Hold, Call forward, Phonebook, MWI, Headset, Redial)
 - 4 Navigation keys
 - 1 OK key
 - 1 Return key
 - 12 Standard Phone Digits keys
 - 3 Volume Control keys, Up/Down/Mute(Microphone)
 - 1 Hands-free key
 - 42 DSS Keys with tri-color LED
 - 3 Page-Switch (PS) key

Physical Specifications

- Color: Dark gray
- Main LCD x1: 4.3 inch (480x272) color-screen LCD
- DSS Key-mapping LCD x2: 3.5 inch (320x480) color-screen LCD
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- USB2.0 Port x1: Standard A, Connect with Wi-Fi