

NRP2002/P Entry Level IP Phone



Model	Screen	Network	PoE	Power adapter
NRP2002	128×64 dot-matrix	10/100Mbps	×	✓
NRP2002P	128×64 dot-matrix	10/100Mbps	✓	×

NRP2002/P is a dual-port fast Ethernet IP phone with 6 SIP accounts and 2-line buttons. It is a cost-effective economical IP phone specially designed for offices. It supports IPv6 and IPv4, with full "user, network, deployment, security" features and good IP-PBX and network compatibility.

It's suitable for enterprise unified communications and operator cloud voice.

Highlights

- Personalized multi-scene mode. Users can set the button mode according to the usage requirements and habits, which sets a new efficiency benchmark for the entry-level phone.
- More convenient operation by adding the help information.
- Higher level voice quality by using sealed electroacoustic cavity and high-level electroacoustic devices.
- Excellent hands-free voice quality with larger HD speaker.
- Anti-electromagnetic feature on handset and speaker, free from interference of devices such as mobile phones.
- OPUS codec supported.
- Open VPN, LLDP and 802.1X supported.
- Power protection measures to avoid machine damage caused by wrong plugging.
- Plug and play (working with New Rock IP-PBX)
- Unified management by New Rock UMS management system.
- Perfectly compatible with leading IP-PBX platforms and third-party interface management supported.

NRP2002/P Technical Specifications

Basic Functions 128×64 graphic character dot matrix with full view of backlight LCD, 6 SIP accounts, Call forward, Call transfer, Call waiting, Hotline, Call hold, Auto answer, Redial, Mute, DND, Local 3-way conferencing, Speed dial, Voice mail, Local phonebook (up to 1000 entries), Direct IP call without SIP proxy, Black list, Dialed/received/missed/forwarded call (400 in total), Call center headsets mode

Shortcut Functions Multi-scene feature, Help information, 13 programmable keys, One-click to access menu, One-click to see the phone information, Intelligent search for phonebook, Dial assistant

IP-PBX Features Intercom, Paging, Call pickup, Call park, Anonymous call, Anonymous call rejection, Hold on music, Conference Call, Group pickup, DND&Call forward state synchronization, Call recording

Multi-language English, German, Italian, French, Spanish, Portuguese, Russian, Simplified or Traditional Chinese, Polish, Turkish, Hebrew

Advanced Features LDAP, XML remote phonebook, Action URL, Active URI, CSTA, Multicast paging

Audio Features 5 ringtones (system ringtone or customized ringtone), 8 volume adjustable & Mute mode, Narrowband codec: G.711(a/μ), G.729A/B/AB, G.726, iLBC, OPUS, Wideband codec: G.722, L16, Support VAD, CNG, AEC, PLC, AJB, AGC, Full-duplex speakerphone with AEC

Network Features IPv4&IPv6, VLAN, LLDP, CDP, OpenVPN, IEEE 802.1X, STUN NAT Traversal, RPORT. Support QoS (IEEE802.1Q/p VLAN tagging) and layer 3 QoS (ToS/DiffServ/MPLS). SIP connection mode: Proxy mode, Peer to Peer. Support DNS SRV (RFC3263). DTMF: In-band, RFC2833, SIP INFO. HTTP/HTTPS Web server. LAN/PC: support bridge mode, Support auto negotiation, Package tracing via PC port. Package tracing export by Web. Support DHCP Option12 host name and Option 60 Vendor Class ID. Support syslog.

Security TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files, Phone lock, the administrator/user level access control

Management Plug and play (working with New Rock IP-PBX), Configurable through Web interface/phone

Auto Provision FTP/TFTP/HTTP/HTTPS, DHCP Option 66 or customized Option 128~254, PnP, Redirection Provisioning Service (RPS), TR069(Supported by special firmware), Import/Export CFG file via Web, Tool for generating batch configuration files, Periodic check and update, Unified management by New Rock UMS management system

Hardware Power Interface: DC 5V-1A, PoE power supply: IEEE 802.3af Class 2 (NRP2002P). 2×RJ45 10/100M adaptive Ethernet ports, 1×RJ9 headphone jack, 1×RJ9 handset jack.

Keys 1 status indicator, 2 line keys, 4 soft keys, 5 navigation keys, 2 volume keys, 5 function keys (Voicemail, Mute, Redial, Headset, Hands-free), 1 Multi-scene key

Temperature and Humidity Operating temperature: -10°C ~ 50°C, Operating humidity: 10% ~ 90%

Package Qty/CTN: 20 PCS, G.W/CTN: 17.2kg-18.5kg, Gift box size: 220mm×180mm×90mm, Carton meas: 450mm×450mm×364mm

Certifications CE: EN62368, EN55032, EN61000-3-2, EN61000-3-3, EN55035. FCC: Part15B