



Model:
NRP1004
NRP1004/P

About New Rock Technologies, Inc.

New Rock Technologies, Inc. is a leading provider of Voice over IP products in China, offering wide range of VoIP products including all-in-one IP-PBX, hybrid IP-PBX, media gateway, session boarder controller, and related application software. We work with service providers, system integrators, distributors, resellers, independent software vendors, as well as OEM partners.

<http://www.newrocktech.com>

Product Specification

Phone features

- Vxworks OS
- Supports SIP 2.0 (RFC3261) and correlative RFCs
- SIP supports 2 SIP servers, and backup SIP proxy servers
- Supports SIP UDP/TCP/TLS
- Support IAX2, iax2 line call
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/ IP Call
- Supports RJ-9 headset

Display

- 128x48 monochrome dot matrix LCD

Feature Keys

- LCD driven menu display and softkeys make user easier to use
- Soft keys programmable; function keys programmable; EXT consoles

Audio Features

- HD voice: G.722
- Codec: G.711A/u, G.7231 high/low, G.729a/b, G.722, G.726
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full duplex hands-free speakerphone
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Echo cancellation: Support G.168, and Hands-free can support 96ms, Hand free Speaker Phone

Advanced Features

- Call forwarding
- Call transfer (blind/attended/alert)
- Call holding
- Call waiting
- Call conference
- BLF list
- Capable of 10 way conversation
- Join call
- Pickup
- Call completion
- Hot desk function
- 4 DSS key, 5 EXT consoles, each console with 26 keys
- Auto Redial / unredial
- Support predial
- Support messaging and MWI
- Flexible dial plan
- Barring function for outgoing calls
- Do not disturb
- Auto answer (handfree/ headset)
- Caller ID display
- CLIR (rejects anonymous calls)
- CLIP (to make an anonymous call)
- Dial without registration
- Supports call logs with missed calls/incoming calls/outgoing calls
 - Each support 300 records
- Hotline/Warm-line
- Call rejection
- Black list
- Intercom/Intercom barge
- Password dial
- Direct IP call without SIP proxy
- Support action URL/active URI
- Voice codec setting for each SIP line
- Hands-free ringing choice
- Support XML phonebook/browser
- Support click to dial via web phone Book
- Support Phonebook 500 records
- Support SMS and Speed Dial

Network/ Security Features

- WAN/LAN: 10/100M Ethernet ports
- Supports Route and Bridge mode
- Support bridge working as hub
- Support PPPoE for xDSL and PoE (optional)
- Support VLAN (voice vlan/data vlan)
- Support 802.1X
- Support basic NAT and NAPT
- NAT transverse: support STUN client
- Support DHCP client on WAN
- Support DHCP server on LAN
- Support main DNS and secondary DNS server.
- Support DNS Relay, SNTP Client,
- Firewall, open VPN
- Support VPN (L2TP) and DMZ
- Network tools in telnet server: including ping, trace route, telnet client

Maintenance & Management

- Web, telnet and keypad management
- Management with different account right
- Upgrade firmware through POST mode and HTTP/HTTPS, FTP or TFTP
- Support DHCP option66 and custom option auto provisioning
- Telnet remote management/upload/download setting file
- Safe mode provide reliability
- Support Auto Provisioning to upgrade firmware or configuration file with HTTPS
- Support TR-069 and syslog

Physical Features

- Adapter Input: 100-240V
- Adapter Output: 5V/1A
- WAN Port: 10/100 Base-T RJ-45 for LAN
- LAN Port: 10/100 Base-T RJ-45 for PC
- Headset: RJ-9
- EXT: RJ-11
- Power Consumption: Idle: 2.5W/Active: 2.8W
- LCD: 75X30 mm
- Operation Temperature: 0~40°C
- Relative Humidity: 10~65%
- Main Chipset: Broadcom
- SDRAM: 16MB
- Flash: 4MB
- Weight: 1.07kg

Certification

