Model:
NRP1000
NRP1000/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.

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

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

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
· Capable of 10 way conversation
· Call completion
· 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
· Support Phonebook 500 records
· Support SMS and Speed Dial
· 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

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
· Power Consumption: Idle: 2.5W/Active: 2.8W
· LCD: 60X22 mm
· Operation Temperature: 0~40℃
· Relative Humidity: 10~65%
· Main Chipset: Broadcom
· SDRAM: 16MB
· Flash: 4MB
· Weight: 0.84kg

Certification