

NP-18 IP Phone

NP-18 is a kind of voice communication terminal which is based on wide band and independent of PC (personal computer).

**Specification**

Item	NP-18	
Adapter(Input/Output)	Input: 100-240VAC 50~60Hz Output: +5VDC, 1200mA	
Port	WAN	10/100Base T RJ-45 for LAN
	LAN	10/100Base T RJ-45 for PC
Power Consumption	Idle:1.4W / Active:1.8W	
LCD Size	3 inch (74×28mm)	
Operation Temperature	0~40°C (32°~104°F)	
Relative Humidity	10~65% (Non-condensing)	
Main Chipset	MIPS32(150M), DSP(100M)	
SDRAM	128Mbits	
Flash	16Mbits	
Dimension (W×H×D)	11.6×8×3 in.(29.5×20.5×7.5cm)	
Weight	2.07lb. (0.94kg)	

Voice Features

- Support H323v4 and SIP RFC3261 simultaneously
- Codec: G.711A/u, G.7231 high/low, G.729
- Echo cancellation: Support G.168, and Hands-free can support 96ms

- Support Voice Gain Setting, Jitter Buffer, VAD, CNG, H323 support dual GK, call forward, and Peer to Peer.
- NAT transversal: support STUN client, Citron, AVS
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer
- SIP support pubic/Private server. Can connect to ISP and Private SIP server at same time
- SIP support dual public server
- DTMF: Support SIP info, DTMF Relay, RFC2833
- SIP application: support Call forward/transfer/holding/waiting
- Call control features: Flexible dial map, support Hotline, Empty calling No. reject service, Black list for reject authenticated call, No disturb, Caller ID.
- Support conference and voice record.

Network Features

- WAN/LAN: Support Bridge and Router model.
- Support basic NAT and NAPT.
- Support PPPoE for xDSL.
- Support DHCP Client on WAN
- Support DHCP Server on LAN
- Support DNS Relay, SNTP Client, Firewall
- Network tools in telnet server: Including ping, race route, telnet client

Maintenance and Management

- Support Boot Monitor
- Can upgrade firmware through boot monitor
- Can config through Web, keypad, Telnet
- Can upgrade firmware and configuration file through HTTP, FTP, TFTP
- Support Syslog

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