

Vivoice[®] Video Phone --- NW800

Product Model: NP800

Product Features

NP800 IP video phone is an innovative IP telephony product with rich features and stylish industrial design.

NP800 video phone offers superior end-to-end video and audio communication with true Voice-over-IP (VoIP) solutions. It is not only making face to face conversation truly accomplished, but also reduces telephone expense either in enterprise or household via advanced VoIP technology.

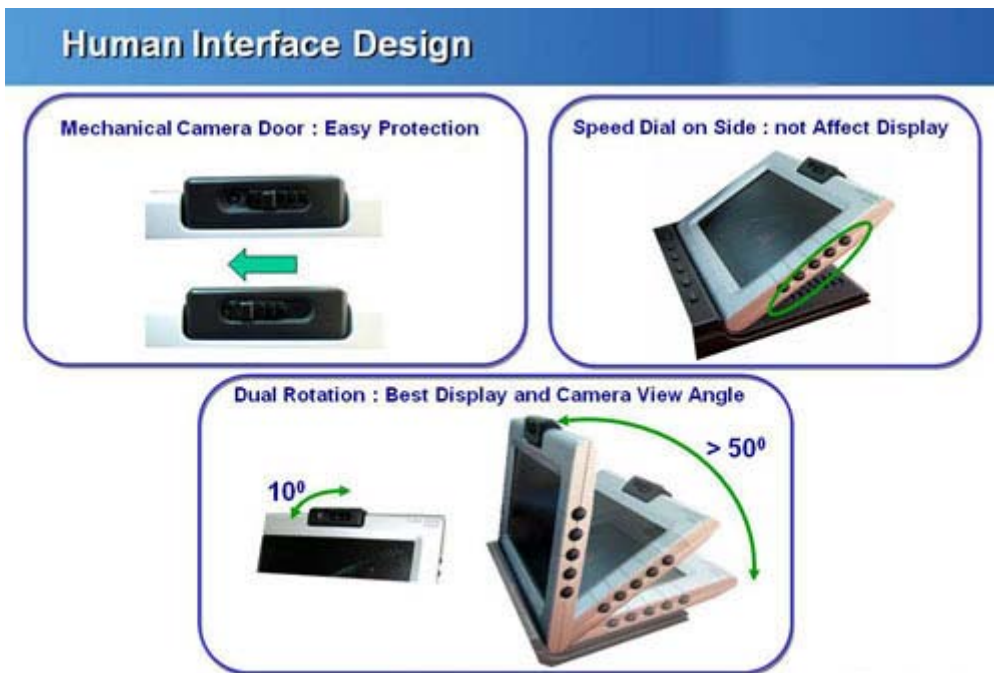
By providing high resolution 16:9 TFT-LCD display and sensitive camera module, NP800 video phone presents high quality graphic user interface and easy to use functional soft keys as well as speed dial keys. As a SIP compliant endpoint, interoperability and flexibility in connection with diverse phone set is definitely convenient.

Web Browser been built in the NP800 videophone, which makes NP800 with the function to browse Internet. Telecom carrier and ITSP Operator can make use of browser function to provide value-added services to VoIP users and services subscribers.

1、User Interface



2、 Human Interface Design



3、 Value-Added PSTN Function



- Co-existing IP & PSTN phone



- PSTN Emergency Call
- Auto-switch Handset & Keypad for IP & PSTN phone call
- Seamless switching between IP & PSTN incoming & outgoing phone call

4、Peripheral Expansion by USB

Peripheral Expansion by USB

- USB 1.1 Host Interface



- Ready to Connect Devices

- Mouse

5、Video Application---Surveillance

Video Application -- Surveillance

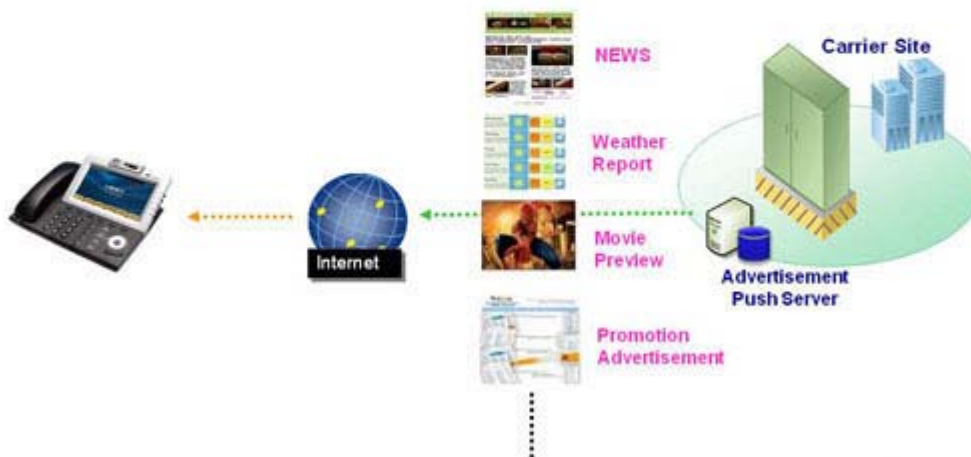
- Videophone could be used as the home surveillance device to monitor home security real-time, automatically video/image capture, automatically call out to designated phone number by alerting...etc.



6、Video Application ---Push Contents

Video Application -- Push Contents

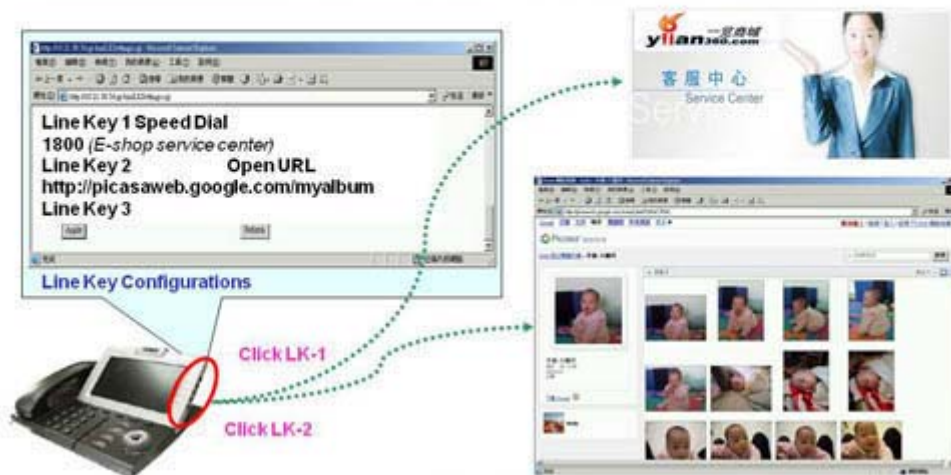
- Operators/Carriers could push various type of advertisement contents to Videophone, such as Real-time News and Weather Report, Movie Preview, Music Appreciating, Promotion Advertisement...etc.



7、On-Click Service

On-Click Service

- Videophone has 5 line keys aside the LCD panel. Configure those keys as short-cut through Web UI. You can either open an URL with embedded browser or make a speed dial base on your configuration. This makes the videophone easier and more flexible to bundle all kind of services.



Hardware

Hardware	
Interface	2 x 10/100 Base-T Ethernet Port Handset Jack Headset Jack PSTN line TV Output – composite video out , Stereo audio out USB 1.1 host
Memory	64MB SDRAM 64MB Flash
Powering system	External Power Adapter Input: AC110V, 60 Hz, 0.5A Output: DC12V / 1.2A
Display	7" TFT LCD Display, 480 x 234 resolution
Camera	CMOS module, 300K pixels,QVGA, 30fps Camera door
keys	CCITT Keys Speaker phone Key Headset Key Camera On/Off key Mute Key Volume Up & Down keys LCD/TV display toggle key Picture in picture enable key LCD Brightness Up & Down Keys Speed dial Buttons Soft keys

System Features

System Features	
Configuration	Keypad & LCD Telnet Auto Provision
Firmware Upgrade	TFTP
Network Configuration	Static IP PPPoE DHCP
Internet Protocol	TCP, UDP, IP RTP/RTCP NTP/SNTP DNS, ICMP, ARP HTTP 1.0/1.1
Qos	802.1p(QoS) 802.1q (VLAN)

Phone Features

Phone Features	
SIP	<ul style="list-style-type: none"> RFC 3261 Registrar expiration time SIP Proxy Support SIP Authentication (MD5) Outbound Proxy Support
Codec	<ul style="list-style-type: none"> G.711 a, u G.729AB H.263 MPEG4 Auto Negotiation
Audio Features	<ul style="list-style-type: none"> Silence Suppression Comfort noise generation(CNG) voice activity detection VAD) In-band DTMF Out-of-band DTMF (RFC 2833) Call progress tone generation Acoustic Echo Cancellation Dynamic Jitter buffer
Video Features	<ul style="list-style-type: none"> 2-way Video Call PIP(Picture in Picture) LCD Brightness Adjustment LCD Contrast Adjustment LCD/TV Display Switch Video Privacy (Audio Only) Video Mute Remote Video Display On/Off
Call Features	<ul style="list-style-type: none"> Call Hold Redial Speed Dial
Other Advance Feature	<ul style="list-style-type: none"> Phone Book Mute Speakerphone Phone setting Network setting Caller ID Display Call records (Called, Received, Missed) Selectable Ring Tone Day/Time Display Web Browsing PIR Sensor for Surveillance SSL+Dial Box Feature
Language	<ul style="list-style-type: none"> English Traditional Chinese Simplified Chinese
Miscellaneous	
Environment	<ul style="list-style-type: none"> Operation Temperature:0℃~40℃ Storage Temperature:-20℃~70℃ Humidity :10%~85%
Physical Dimension	<ul style="list-style-type: none"> Size(L x W x H):262 x 240 x 95mm Weight:1.3Kg