

Vivoice[®] Video Phone --- NW800

Product Model: NW800

Product Features

NW800 IP video phone is an innovative IP telephony product with rich features and stylish industrial design.

NW800 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, NW800 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 NW800 videophone, which makes NW800 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.

User Interface



Human Interface Design



Service Platform

- Videophone integrate an embedded browser with easiest UI which is able to activate different services provided by content providers.



Finance Service

- Ufren is one of our partner who provides a platform of finance and investment. Not only real-time data of stock market in China is provided but also finance agent on-line consulting through video conferencing is available.



E-Learning Service

- Dr.eye is one of the most popular translation software in the whole Chinese-spoken area. The Dr.eye on-line dictionary is now integrated in Videophone E-Learning services.



E-Shopping Service

- YiLan is one of our partner who provides a platform of e-shop. End user can do e-shopping very easily. There are only a few easy steps for viewing, selecting and purchasing the product you like through the service integrated in Videophone.



Home Care

- Videophone can connect with blood-pressure meter or diabetes sensor via Bluetooth through USB port, to provide healthcare functions like personal health management, video consult with doctor, or remote diagnose using videophone



Home Security

- 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.



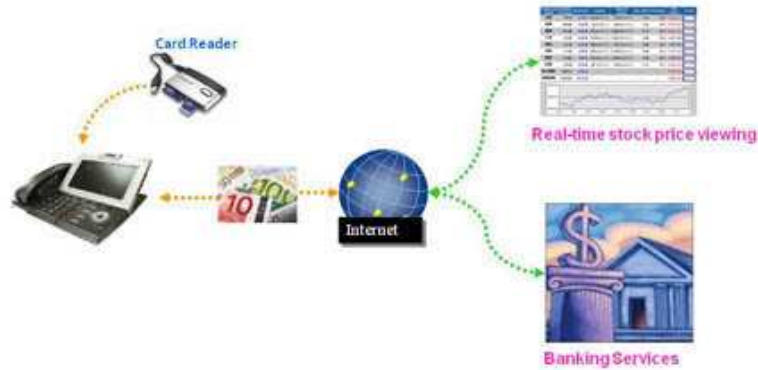
Push Content – Service Provider's Opportunity

- 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.



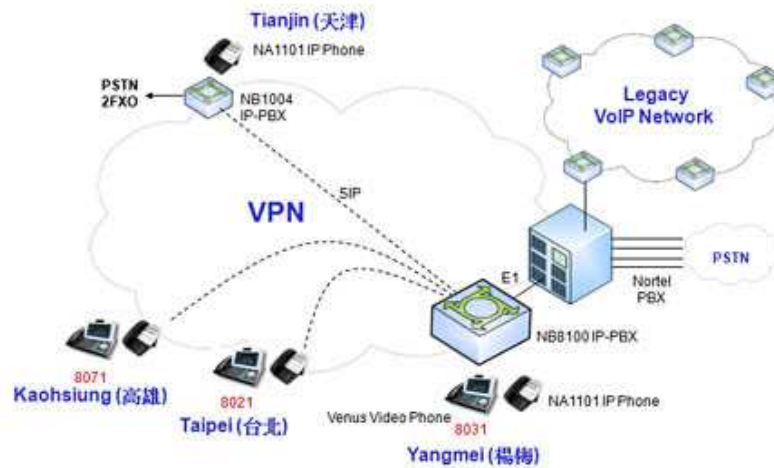
Special Application -- Telebanking Service

- End user could use browser embedded in Videophone to log into Banking or Securities company to do information browsing, on-line transaction, payment, transfer....etc.



Case Study : Enterprise Solution

Network Architecture



One-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
Memory	64MB SDRAM 64MB Flash
Powering system	External Power Adapter Input: AC100~240V, 50~60 Hz, 0.5A Output: DC12V / 1.5A
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	RFC 3261 Registrar expiration time SIP Proxy Support / SIP Authentication (MD5) Outbound Proxy Support
Codec	G.711 a, u / G.723.1 / G.729AB H.263 MPEG4 Auto Negotiation
Audio Features	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	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	Peer to Peer Call Call Transfer(Attended, Unattended) Call Forward / Call Hold / Call Waiting Redial Speed Dial 3-way conferencing (Audio)
Other Advance Feature	Phone Book Mute Speakerphone Phone setting / network setting Caller ID Display Call records (Called, Received, Missed) Selectable Ring Tone Day/Time Display Web Browsing
Language	English / Simplified Chinese
Miscellaneous	
Environment	Operation Temperature:0℃~45℃ Storage Temperature:-40℃~70℃ Humidity :10%~85%
Physical Dimension	Size(L x W x H):262 x 230 x 95mm Weight:1.1Kg