NIPX

IP PABX

■ NIPX

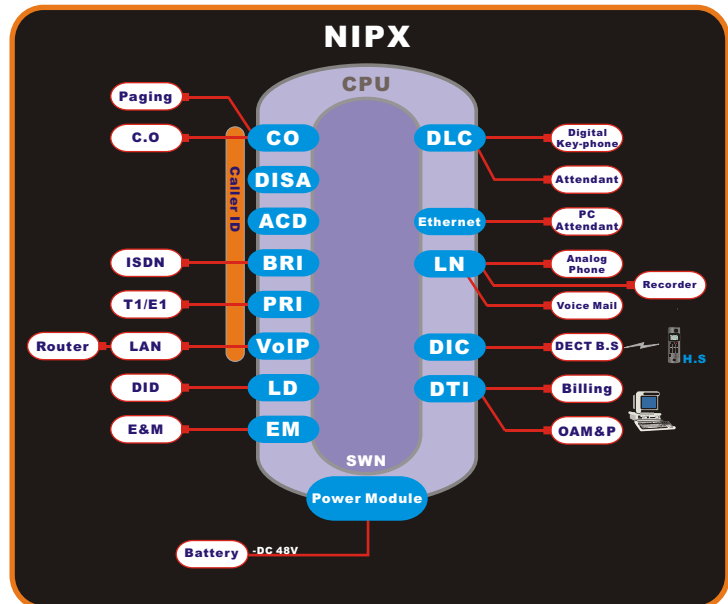## Your best communication partner in the 21st century

Kylink's NIPX series systems are the new generation PABX utilizing advanced distributive processing architecture to integrate wired, wireless and IP technologies. They offer powerful configurations to support various functions, including DECT, VoIP, BRI/PRI, Caller ID and CTI etc. With their flexible expansion design, competitive prices, superior quality and multi-function, the NIPX is your best communication partner in the 21st century.

IP PABX

Comprehensive Product Line

Kylink provides you with compre -hensive product lines, including telephone switches, PABX, analog phones, digital phones, and DECT base stations, all compatible and reliable products. We can offer total solutions to your communication needs.

Caller ID

The Caller ID feature supports both DTMF and FSK signals to screen the inward calls. It helps you manage communication controls and records.

NIPX

CPU

Paging	CO	DLC	Digital Key-phone
C.O	DISA		Attendant
	ACD	Ethernet	PC Attendant
ISDN	BRI	LN	Analog Phone
T1/E1	PRI		Voice Mail / Recorder
Router / LAN	VoIP	DIC	DECT B.S / H.S
DID	LD	DTI	Billing
E&M	EM		OAM&P

SWN

Power Module

Battery -DC 48V

Explanation of chart abbreviation words

DISA: Direct inward system access
ACD: Automatic call distribution
DLC: Digital line card
LN: Line card
DIC: DECT interface card
DTI: Data terminal interface

Multi-functional Digital Telephone

Telephone is an essential and important tool in the office. Many of us rely it to communicate with others and do businesses. The NIPX systems offer advanced multi-functional digital telephones with user-friendly design and versatile features that can be programmed in accordance with individual needs. It is built in with large LCD to display messages clearly, suitable for use by secretaries and executives.

Computer Telephony Integration

To enhance enterprise competitiveness, the new applications in communications integrate telephone and data computing networks for better services and data reuses. Our NIPX system's CTI module offers ECMA-compliant CSTA interface and provides UMS, Web and database integration capabilities that would afford enterprise the professional CRM and Call Center services.

BRI/PRI

The NIPX systems provide various standard networking interfaces. They are highly compatible and can be easily integrated into a network of different communication systems, or installed as standalone system. It can be linked to carriers, ISRs, VPNs to offer comprehensive communication services.

Office Wireless Telephone

Telephone communication is an essential part of business world. For those who are often away from their desk, a wireless telephone becomes a necessity, not only to improve their efficiency but also to fully cover businesses without missing any call.

Specifications:
- DECT standards
- Frequency range: 1880~1900 MHz
- Compliance with GAP standards, compatible with any GAP standards handset
- Maximum 64 base stations and 256 handsets
- Communication range: 50 meters indoors, 250 meters open area
- Base station to PABX distance up to 1,500 meters
- Environment/field test before installation
- With both Wireless PBX and Wireless Controller functions

Voice-over-IP

The NIPX systems offer telephone call functions over the IP networks. It will enhance your Intranet performances through saving on telephone fees and improvement in enterprise competitiveness.

Specifications:
- Communications: Compliance with ITU-T H.323 standards
- Voice: Compliance with ITU-T G.711, G.723, G.729 a/b
- FAX: Compliance with ITU-T T.30, T.38
- Voice Processing:
    A. Voice Activity Detection
    B. Echo Cancellation, ITU-T G.168
    C. Noise Cancellation
    D. Call Progress Detection
    E. Gain Control
- Management: HTTP (Web Based)/Local Console (RS-232)
- Caller ID support
- Interconnecting with Microsoft NetMeeting, IP-Phone etc.

Economical

Techonology

Performance

Digital Voice

Internet Access

System Features :

- Use 32 bits CPU
- Trunk/Extension grouping
- Night answer service
- Conference call
- Automatic call distribution
- Trunk/Extension hold
- Voice announce for special features

- Service classes for trunk & extension
- Flexible numbering plan
- Extension lockout
- Pick up another incoming call
- Call park
- DID (Direct inward dialing)
- DOD (Direct outward dialing)

- Build-in DISA
- Automatically routing
- Distinctive ringing
- System speed dialing
- Extension transfer
- Trunk accounting
- Extension password (1-8 codes)

Extension Features :

- Hold, Transfer, Pick up
- Group link
- Busy call transfer
- Secretary call
- Automatic callback
- Emergency call
- Multi-line hold

- Password dialing
- Do not disturb
- Group hunting automatically
- Hot line
- Call forwarding
- Extension speed dialing
- AUTO redial

- Morning call service
- Extension relocation
- Call waiting
- Executive-override
- Secret call service
- Paging service

Attendant Console Features

- Self testing
- Ringing volume adjust
- Malicious call trace
- Alarm display
- Busy override

- Directly select CO Trunk
- Automatic call distribution
- One touch dialing
- Password login/logout (1~8 codes)

- Incoming call indication
- Paging
- Conference call
- Transfer for traffic overload

Electric & Mechanical Characters :

- Capacities: 128 free ports, can stack to 256 ports (free port)
- Operation Voltage:DC - 48V
- Ringing: 16.7/20/25 Hz, 60 Vrms
- Input port with isolation, filtering & thunder-proof design
- The voice level of trunk/extension interfaces are programmable.
- Working environment: Temperature: 0℃~45℃, Humidity: 90% maximum
- Dimensions: W: 321, H: 483, D: 299 (mm)
- Weight: 15 kg (without interface cards & other accessories).

System Capacities :

Model	NIPX-128	NIPX-256
Capacities	128 Free Port	256 Free Port
CPU	32 bits	32 bits
DISA	4 CH(build in)	8 CH(build in)
DECT Base Station	32	64
VoIP Channel	32 CH	64 CH
Dimensions (HxWxD)	321,483,299(mm)	642,483,299(mm)
Weight	15 kg	30 kg

I P P A B X

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