

GX32 IP PBX

System Feature

32 bits CPU	Group all ring simultaneously	Ext/Trunk class of service
DISA	By way of group	Conference (maximum 15 members)
Extension group	ID portion for tenant	Abbreviation No. (100 nos)
Trunk group	Day/night service	Flexible numbering plan
Paging group	Distinguish ring	Adjustable Ext/Trunk gain
Hold	Call pick up	Reverse polarity Rx/Tx
Transfer	Voice announcement	PFT (Power Failure Transfer)
Auto provision	DTMF/FSK caller ID	

Subscriber Feature

IP address inquiry by phone	Hotline	Hold
Extension No. inquiry by phone	Delay hotline	Secure hold
WAN IP address setting by phone	External number redial	Camp on
Call pick up	Extension busy call back	Override busy
Speed dial	Trunk busy call back	Don't disturb
Call forward	Paging	Caller ID inquiry
Busy/no answer forward	Clock alarm (3 settings)	Message indication
Abbreviation No. common (100 nos)	Conference (maximum 15 members)	
Abbreviation No. personal (10 nos)	Call transfer	

Terminal Phone Set



KY860
Analog single phone

- DTMF/FSK caller ID
- 8 memory direct keys
- 20 ring tone
- Message lamp
- Multi flash time
- Battery free



KY810
Digit proprietary phone

- 10 programmable keys with dual color LED
- DSS console expandable (max 3 sets)
- 2x16 Character LCD
- Display name of caller (NIPX IPPBX)
- Handset/headphone dual jack



KY836
Digit proprietary phone

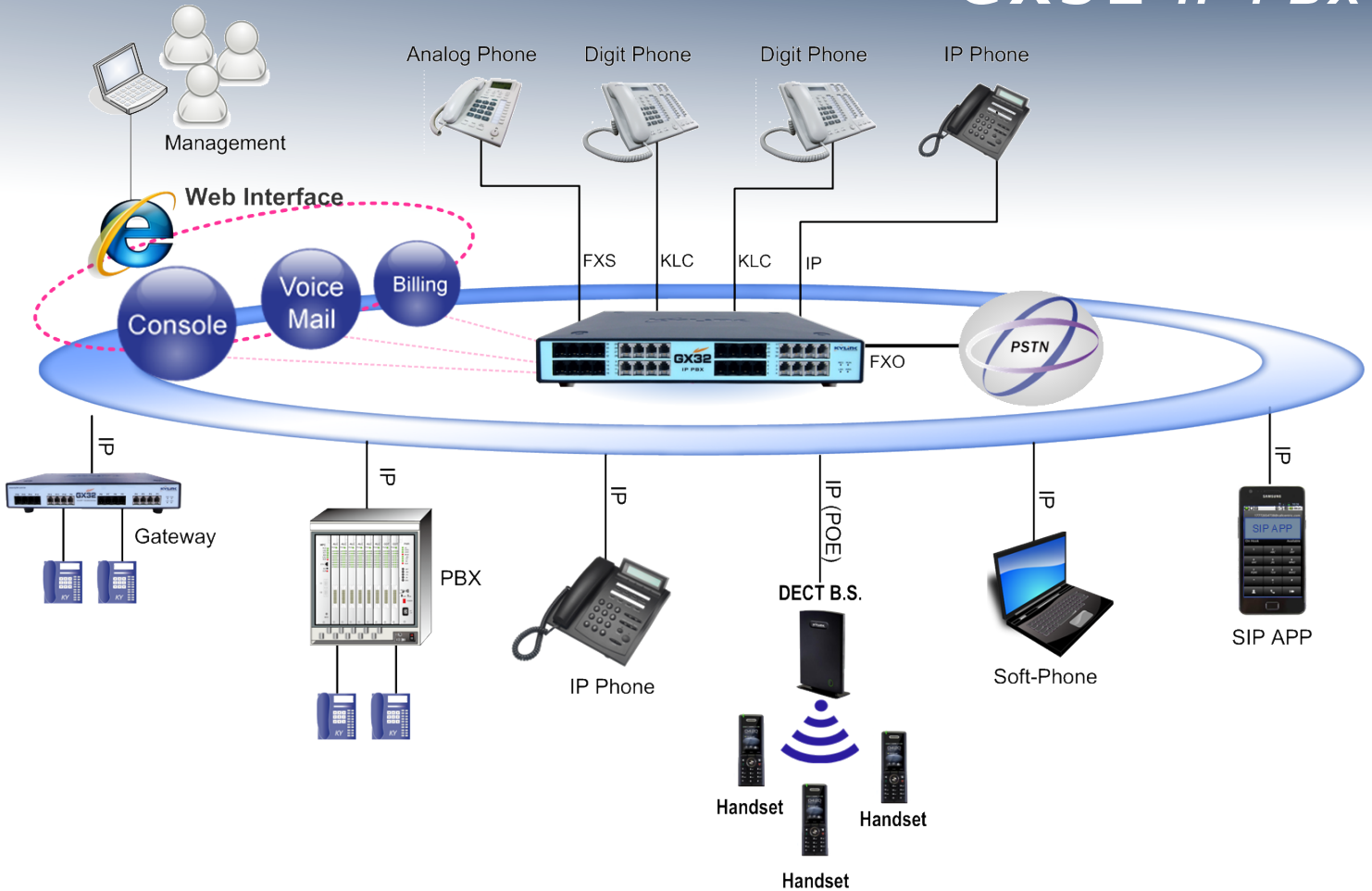
- 36 programmable keys with dual color LED
- 2x16 Character LCD
- Display name of caller (NIPX IPPBX)
- Handset/headphone dual jack



KY846
Digit proprietary phone

- 46 programmable keys with dual color LED
- DSS console expandable (maximum 3 sets)
- 2x16 Character LCD
- Display name of caller (NIPX IPPBX)
- Handset/headphone dual jack

GX32 IP PBX



DECT Base Station:

DECT:

Frequency band: 1880 MHz – 1930 MHz (DECT)

Audio:

- 10 audio channels using G.726 / G711 codec
- 10 audio channels using G.729 (optional DSP)

Additional feature:

- Repeaters supported
- Fast antenna diversity switching
- Synchronisation via air interface

System capacity:

- 200 users (200 handsets registered)
- 40 bases can be connected into GX32

Power supply:

- Power over Ethernet (PoE):
36-60 V - IEEE802.3af (Class 2)
- Max power consumption: 5W

Ethernet:

- Connector: RJ 45
- Interface to IP network: 10/100 BASE-T IEEE802.3
- IPv6

Mechanics:

- Housing: IP20
- Dimensions: 227 x 279 x 39mm (HxWxD)
- Temperature Range: - 5° to + 55°

DECT Handset

Handset Features

- Wideband audio (G.722)
- 2" TFT display (176x220x262k) with graphical user interface
- Well-proven graphical MMI with wallpapers
- Polyphonic ringtones
- Phonebook: 200 central and 100 local entries
- GAP and CAT-iq compliant
- Headset connector (3.5mm)
- SW upgrade over-the-air
- Wideband two-way speaker phone mode
- Vibrator



Specification

Power adapter: In AC110~240V 50/60Hz

Out DC24V, 2.5A

Ring current: 72Vrms, 20Hz±10%

Power feed: -48V±10%

Lightning protection

Temperature: 0°C~ 60°C

Humidity: 0 ~ 95% non-condensing

Dimension: 310 x 215 x 50 mm (WxDxH)

Weight: ≤ 1.5Kgs (main unit)

Capacity and Interface

Capacity: Max. 32 universal ports (FXO+FXS+KLC)

Analog line interface (FXS): Max. 32

Digit key phone interface: Max. 32

CO trunk interface: Max. 16

VoIP SIP Trunk: Max. 12

DECT Base Station: Max. 40

Expansion slot: 3

Basic main unit:

Type S: 4 x (FXO+FXS+IP Trunk)

Type K: 4 x (FXO+KLC+IP Trunk)

Type H: 2 x FXO+6 x KLC + 4 IP Trunk

Interface card (option)

COA (4FXO+4FXS)

COK (4FXO+4KLC)

O2K (2FXO+6KLC)

FXS (8FXS)

KLC (8KLC)

VoIP (4CH)

VoIP (8CH)

VoIP specification

Ethernet: WANx1, LANx1

Connecting: Fix IP, DHCP, PPPoE

Time: NTP correcting

Management: HTTP (Web browser)

SIP protocol: RFC-3261

Qos: Support DiffServ QOS

Codec: ITUT-G.711U、G.711A、G.729、G.723

Multiple registrations: maximum 8 servers.

Voice processing:

VAD

CNG

Echo cancel (ITUT G.168)

Gain control

Adaptive Jitter buffer

DTMF Relay: INFO, RFC2833, Inband

