

# KX-HG400

Intelligent Gateway

PRELIMINARY

COMMUNICATION  
S • Y • S • T • E • M • S



*The Panasonic Intelligent Gateway (IGW) is an all-in-one communications solution for small businesses and home offices. It provides converged voice and data networking, SIP-based IP telephony with built-in voicemail, Internet access, Wireless access point and IP-Camera portal in an easily managed unit.*

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# Benefits

## Streamline Costs

You can save maintenance and management costs by converging voice and data on one IP-based network. Multi-site configuration can eliminate communications cost between branches.

## Simplify Management

The Panasonic IGW provides the necessary communication functions for small businesses in one unit, providing an all-in-one solution to keep your system simple and easily configurable.

# Major Features

**IP Telephony.** Supports up to 24 SIP-phones and one analog phone or fax. It can support 3 PSTN trunks and 8 SIP trunks seamlessly with flexible call routing plan. The built-in voice mail can record up to 16 hours and support email notification with/without voice message.

**Internet Access/Firewall.** Supports router and firewall functions for connecting various IP-based business equipments such as computers, Network printers and IP cameras. Further, IGW can connect each other up to 10 units and build an intra network.

**WiFi Access Point.** Provides WiFi capability to connect various wireless equipment.

**IP-Camera Portal.** Zero distance management (ZDM) is a way to make your management better with communication and video monitoring enabling you to know all about the situation with more swiftness and precision.

**Auto Provisioning.** When a new phone or IP-camera is connected to the Panasonic IGW, it is provisioned automatically, reducing the need for manual configuration. To take advantage of this feature you must use Panasonic's SIP phones.



## SIP Phone KX-HGT400

### Physical Interfaces

- 1 10/100Mbps port with PoE
- 1 10/100Mbps ports to PC connection
- 6-line LCD
- 4-line Group Selection Button
- Headset Port
- Message Wait Indication

### Features

- SIP v2 (RFC3261)
- G.711 u/a-law, G.729a, G.726-32
- Call Hold
- Call Transfer
- Click-to-Call
- Conference Calling (3 party)
- Customizable Ring Tone
- DND (Do Not Disturb)
- Log-in / Log-out for UCD
- Personal Phone Book (Downloadable from PC)
- Redial
- Remote Accessible Call Log history from PC
- Speaker Phone

### Installation

- Desktop (2 tilt position)
- Wall Mount

## Intelligent Gateway KX-HG400

### Physical Interfaces

- 1 10/100Mbps WAN port
- 4 10/100Mbps LAN ports
- 3 RJ-11 FXO Line ports
- 1 RJ-11 FXS Phone port
- Built-in 802.11b/g Access point

### IP Telephony Features

- SIP v2(RFC3261)
- G.711 u/a-law, G.729a, G.726-32
- 24 SIP extensions and 1 analog extension
- 8 SIP and 3 PSTN trunks
- 4 Trunk group
- Multi-site configuration (Up to 10)
- Auto Attendant

- Built-in voicemail (16 hrs)
  - MWI notification
  - Email notification with/without audio attachment
- Call Forwarding
- Call Hold / Music on Hold
- Call Transfer (Screened / Unscreened)
- Call Waiting
- Caller ID Name & Number
- Configurable Call Routing
- Day and night answering position
- DISA (1 level)
- DTMF relay (RFC2833)
- Emergency call
- External Fax/Modem sup port (Auto fallback to G.711)

- ICD group (Ring / Linear / Distributed)
- Operator Call
- Paging (All / group)
- Power failure Transfer / Restart (PSTN – FXS)
- System speed dial (100 entries)
- User customizable Auto Attendant messages

### Firewall Features

- SPI (Stateful packet inspection)
- NAT
- ACL (Access control list)

### Router Features

- Static routing
- RIP v1/v2
- QoS (IP TOS function, Priority Queues for upstream traffic, IP Precedence)
- Bandwidth shaping

### WiFi access point

- Built-in 802.11b/g
- WEP (64/128bit) encryption
- 802.1x and WPA/WPA2 authentication
- MAC Address-based access control

### IP-Camera Portal Management

- Auto provisioning with Panasonic SIP-phone and IP Camera
- Setup Wizard
- HTTPS for secure remote maintenance

### Installation

- 19" rack mountable (Required optional attachment)
- Desktop
- Wall mount

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## Panasonic Consumer Electronics Company

Division of Matsushita Electric Corporation of America  
Executive Offices: One Panasonic Way, Secaucus, NJ 07094  
(201) 348-7000 • www.panasonic.com/csd

## Panasonic Customer Service

9 am - 9 pm (EST) Monday – Friday  
10 am – 7 pm (EST) Saturday & Sunday  
1-800-211-Panasonic • consumerproducts@panasonic.com