

PART 3 – TECHNICAL INFORMATION

8. IP BROADBAND VIDEOPHONE & BROADBAND INFRASTRUCTURE

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11 Gurney Drive is the first international standard high end condominium in Penang that offers residents quality “smart home” living concept, complete with smart features, including remote home automation control, wireless broadband Internet “Hot Spot” ,and the capability for a wired data network inside every apartment unit. The condominium also features a state-of-the-art audio-video intercom system that incorporates the latest in network technologies, such as voice and data on broadband, as well as a smart surveillance camera system.

The design for the wiring infrastructure to support ICT devices, security and communication capabilities is based on a Category 5E backbone cabling system which will future-proof all voice, data, and video communications and various management systems of the building. The design aims to allow home owners/tenants to have the best communication options available currently or envisaged in the foreseeable future by any appointed internal or external service provider.

The communications system designed for the apartments also includes a centralized distribution box to support the Category 5E Unshielded Twisted Pair (RJ45) points and standard Telephone (RJ11) points. All communication outlets are labeled with unique numbers or codes and terminated at the central distribution box (see circuit diagram attached in this section).

Home owners/tenants will have the option to subscribe for broadband services with either one of the several national Telco service providers or with a local specialist service provider to be appointed by the Condominium management.

With this design concept, home owners/tenants will be able to create a local area network (LAN) for all their home computers with the capability to;

- Share a single printer between all home computers

- Share a single Internet connection among all the computers
- Access shared files such as photographs, MP3s, spreadsheets, files and documents through any computer terminal within the apartment
- Enjoy networked games and other edutainment programs
- Enjoy greater home automation capabilities covering control of home appliances, security, communication and entertainment to suit their life-style.

In each apartment, home owners enjoy state-of the-art audio-video intercom (IP broadband videophone) system. The system provides voice and video communication for better security and convenience. In addition, the IP broadband videophone (SIP phone) intercom system has the ability to communicate globally via VOiP (subscription to VOiP vendors) and internally via Broadband Networking System. Communication with building management office, security centre or others apartment units will be secure and free.

Limited Warranty Period

The following are the basic equipment installed inside your apartment which is supported with 18 months factory warranty period.

- 1) Leadtek BVP 8770 IP Broadband Videophone
- 2) ZyXEL 4-port Modem Router

The warranty shall cover repairs or parts replacement due to equipment failure only. The warranty does not cover any other cause beyond our reasonable control or damaged as a result of; accident, misuse, or abuse of the system or component (such as, use of incorrect line voltages, use of incorrect fuses, use of incompatible devices or failure to follow operating instruction, an act of God like lightning, flooding, tornado, earthquakes and hurricanes).

User Instructions and features for IP broadband videophone

The standard Leadtec IP Video Phone features:

- ITU-T H.323 compliant – can support common VOiP services provided by most VOiP vendor in Malaysia
- H.323 gateway support – can be configure (optional cost) to support multiple services like video, audio and text streaming (advertisements, messages, alerts & etc), Video Conferencing and CCTV surveillance.

- External Audio Video output/input – To be use with Gateway for dialing-in with IP phone or Softphone to view CCTV images securely and without setting up Proxy Server or DDNS
- 100 Phone book memory
- SoftPhone application - to be used on notebooks or PCs for video communication with IP Video phone

International Video & Audio Communication

To enable video and audio calls (VVOiP) and CCTV viewing via internet, users must subscript to Gateway and Inter-connect Service (www.DialRingIP.com) at RM50.00 per month in 2006 or any future adjusted rate (line fee for international IP phone number)

What you can do upon registering and payment:

1. Subscriber will be provided with 2 (two) International Roaming IP Video and Audio communication number. (Internet IP telephone number)
2. Subscriber can call their home (location of the Leadtec IP Video Phone) from any part of the world by connecting to Internet and dialing your home Video Phone number via softphone (provide free) or another Leadtec IP Video Phone. Phone numbers can be stored in phone memory or speed dial. With subscription users can conduct unlimited Video and Audio communication.
3. Subscriber can dial any fixed (land) or mobile telephone number and enjoy discount call prices or VOiP saving. (pre-payment only) Air-time rates are available at web site.
4. Multiple Video conferencing are available upon additional subscription.
5. Subscriber can connect thier home CCTV Surveillance System into the Leadtec IP Video Phone via the AV input/output port and enjoy viewing their video images without the hassle of setting-up Video Server. Users just dial their home IP phone number (no ringing) and a secret code (password) to access their home CCTV system.
6. Subscriber can also connect other video (TV, DVD, Astro & etc) into the Leadtec IP Video Phone.

Setting-up the Broadband IP Video Phone

Whilst we summarize a simplified set of instructions in this manual, please refer to the manufacturer's which user manual will be provided together with the IP Video Phone. It is advisable to contact the technical personnel for any inquires or configuration. To configure the IP Phone, basic TCP/IP knowledge is required.

Please go to "Simplified User Instruction for Broadband IP Videophone