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Internet Power Phone 200™ Handset

The Internet Power Phone 200™ is the simplest and most cost effective of the Internet Power Phone™ product line.

The IPP 200™ is able to operate seamlessly with all popular VoIP Client software and has been tested with Cisco, 3Com NBX, Alcatel, Nortel Siemens, Avaya, Skype, Xten, Eyebeam and most other popular softphone client systems.

Client hook-switch integration (optional) requires the installation of Eutectics integration software. This software is freely available with the device.

Product Feature Specification and Functionality

Physical Specification

- Trimline Handset Shell – fully customisable form factor
 - ABS
 - Shock resistant
 - 2 piece construction with mounting structures
 - weighted
 - strain relief
 - RJ9 Female receptacle
 - PCB mounting receptacle
 - Microphone receptacle
 - Speaker Receptacle
 - Volume controls access port
 - Minimal Acoustic Coupling shell
- Hookswitch
 - Magnetic
 - Low profile
- Cradle
 - ABS
 - Wall or Desktop Mountable
 - Passive Magnetic contact coupling
 - One piece construction moulded
 - Weighted
 - Magnetic
 - Ergonomic design
- USB 1.1 compliant Cord
 - Shielded
 - RJ9 Male termination
 - USB A termination
 - 2 meters length
 - Straight
 - Strain relief

Functional Specification

- DTMF Dialling
 - PC Client Supported
- Outbound Local Dialtone
 - PC originated
- Inbound Ring
 - PC Client Supported
 - PC Based Ringer
 - Optional Built In Ringer
 - Optional Distinctive ring
- Mute
 - PC Client Supported
- Volume Up/Down
 - PC Client Supported
- Full Client Integration

Configuration

- Remote Configurable
- Remote Software Upgrade
- Local Configuration
 - Via PC Software

Connections

- USB A
- RJ9
- Bus Powered

Client VoIP Supported Protocols

- Cisco IP Communicator
- Avaya Softphone
- Alcatel Omnipoint
- Siemens Opticlient
- Nortel i2050
- Skype
- Xten
- Eyebeam
- Google Talk
- Many other popular Softphones

Components

- Micro Controller
 - 8031/51 Series
 - ASIC device
- Local Program Memory
- Database
- USB Transceivers
- I2C Controller

Ancillary Services Integration(Client Dependent)

- Voice Mail
- Message Waiting
- Three Party Calling
- Call Waiting
- Caller ID

Standards and compatibility

- USB 1.1 – USB-IF Compliance
 - VID 0x0E7D – Internet Power Phone
- FCC part 15 (Class B)
- CE
- UL
- Microsoft WDM/ODM

IPP 200™ Handset Installation process

The Eutectics IPP 200™ Handset is fully supported by native Microsoft Windows drivers. Eutectics DLL and API Software is compliant to Windows XP and Vista

Minimum requirements:

- 500 MHz or better Pentium
- 40 MB free storage space on Hard Drive
- USB Interface
- Internet Connection

The basic installation process is below. For individual softphones you should visit the Eutectics support page.

<http://www.eutecticsinc.com/products/itegration.html>

Before you begin:

Ensure you have an update copy of your Operating system including Direct X8.1 or higher. You can download this update free of charge from Microsoft at the following links. Click [here for Windows 98/ME](#) or click [here for Windows 2000/XP](#) to download the latest version. (Hint: Windows XP users and anyone who has the latest Windows Updates will not have to do this step.)

Step 1:

Install the third party Softphone – for example Cisco IP Softphone. You may need your Network Administrator to assist you in getting this done.

Step 2:

Download and install Eutectics IPP Softphone integration software. Follow this link <http://www.eutecticsinc.com/products/itegration.html> to install the software.

Step 3:

Plug in the Eutectics IPP Phone to the PC and let it install itself. When you are prompted for the location of the drivers, enter "C:\programs files\eutectics****-IPP_Softphone\Drivers "as the file path.

Step 4:

Configure the third Party Softphone software to use the IPP Phone. This is specific to the individual Softphones – so please consult the specific installation guide for your softphone - <http://www.eutecticsinc.com/products/itegration.html>

Availability and timescales

The IPP 200 is in full production.

eutectics
343 Passaic Ave
Fairfield, NJ 07004
www.eutecticsinc.com

