

## SIP 111 - IP Video Phone

The SIP 111 is a High Performance IP based Video phone with stunning video quality and excellent voice clarity. Advanced SIP technologies enable this device to work as an video / audio telephone and intercom system .

The SIP 111 is very versatile , it can work with IPBX servers to communicate with various IP devices like Home Automation Panels, Desktop Video Phones, WiFi Video Phones etc. The SIP 111 can also be used to make voice only calls on VoIP, PSTN and GSM trunks when integrated with IPBX systems.



### Key Features

- Video calls to IP Phone / Panel
- Built in VGA CMOS camera
- Adjustable camera lens angle
- Hands free speakerphone
- 5 inches TFT LCD Display
- SIP 2.0 ( RFC 3261 ) Compliant
- Video codec's : H.263
- Audio codec's : G 711, G729 a/b.
- Video streaming upto 30 FPS
- P to P video conferencing
- Screensaver & Photo frame
- Bandwidth control management
- Integrated Speakerphone & Mic.
- 2 x 10/100 Ethernet Ports
- Optional PoE
- Web management interface.



# IP Video Phone



- 5 Inches TFT LCD Display
- SIP2.0 (RFC3261) Compliant
- Video Codecs : H.263
- Audio Codecs : G.711, G.729a/b
- Video/Audio Input and Output ports
- Speakerphone

## Networks

2 x 10/100 Ethernet LAN port  
1 WAN and 1 LAN  
PoE (optional)

## Phone / Call Features

Hands free speakerphone  
Redial, Auto Answer  
DND ( Do not disturb)\  
Call mute, Call hold  
Caller ID / User name

## Video Features

Built in VGA CMOS camera  
F2.0/4 pc glass lens  
Full duplex H.263 Video co-  
dec's  
Video streaming at CIF ( 352x  
288 ), QCIF (176 X144)  
Resolution up to 30 Frame per  
second.  
Audio/ Video Synchronization  
Adaptive Jitter Buffer  
Bandwidth control manage-  
ment  
Picture in picture  
AWB ( Auto White Balance)  
AE ( Auto Exposure)  
Manual white balance adjust-  
ments.  
Video input and output ports.

## Audio Features

Built in Microphone & Speaker  
Full duplex G711 and G729 a/b  
audio  
Acoustic Echo cancellation  
Automatic Gain Control  
Adaptive Jitter Buffer  
Voice Activity Detection  
Comfort Noise Generation  
Silence Suppression  
Bandwidth Control Management  
Audio input and output ports

## Protocols

TCP/IP, UDP, HTTP, ICMP, DHCP,  
PPPoE, DNS, NTP, FTP, SIP, RTP,  
RTCP

## Management

Web management interface  
Auto Provisioning  
USB flash provisioning

## Ergonomic Design

5 inch TFT LCD Display  
Adjustable LCD view angle  
Adjustable camera lens angle  
Magnetic lens cover  
Detachable handset and cradle  
Navigation keys  
Soft function and hot keys.

## Applications

Screen saver  
Photo frame  
Phonebook  
Multiple languages  
Point to point video confer-  
encing  
Remote video and audio  
streaming

## I/O Connectors

Ethernet RJ 45 connector  
Handset Jack  
Video Input Port  
Video Output Port  
Audio Input Port  
Audio Output Port  
Power Jack  
USB Connector

## Power Supply

Switching power adaptor  
Input - 110V-240V, 50/60 Hz  
Output - 12V/2A DC