

# Internet Video Conferencing Phone



PLANET's latest Video Conferencing product, ICF-1601, brings you a vivid video conferencing experience through the Internet. Neither the PC nor the complex web camera is required for Internet video communications. Furthermore, the ICF-1601 has a built-in 5" LCD monitor in a telephone form factor ideal for desktop use.

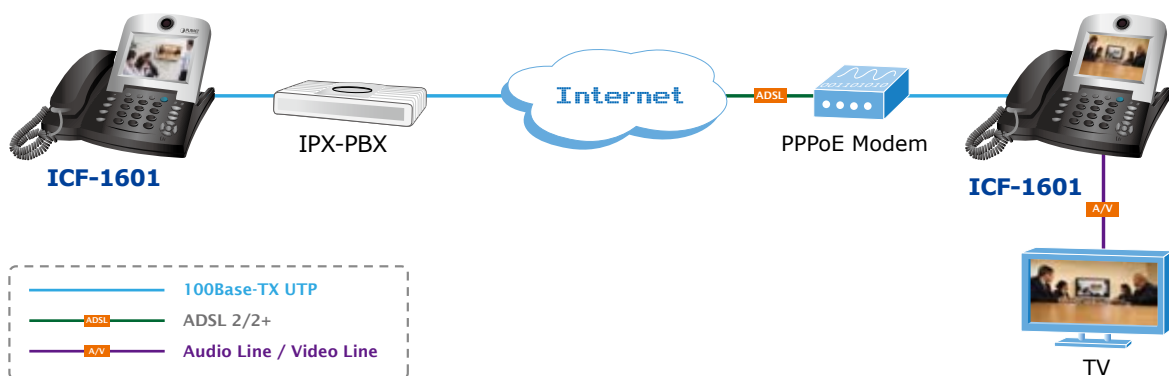
The ICF-1601 is compliant with SIP standard, which brings you a seamless conferencing experience with other SIP compliant video conferencing systems, voice gateway, IP phones, ATA and IP PBX System. With SIP Proxy Server and MCU support, the PLANET ICF-1601 makes quick and cost-effective communications possible for you and your business partners.

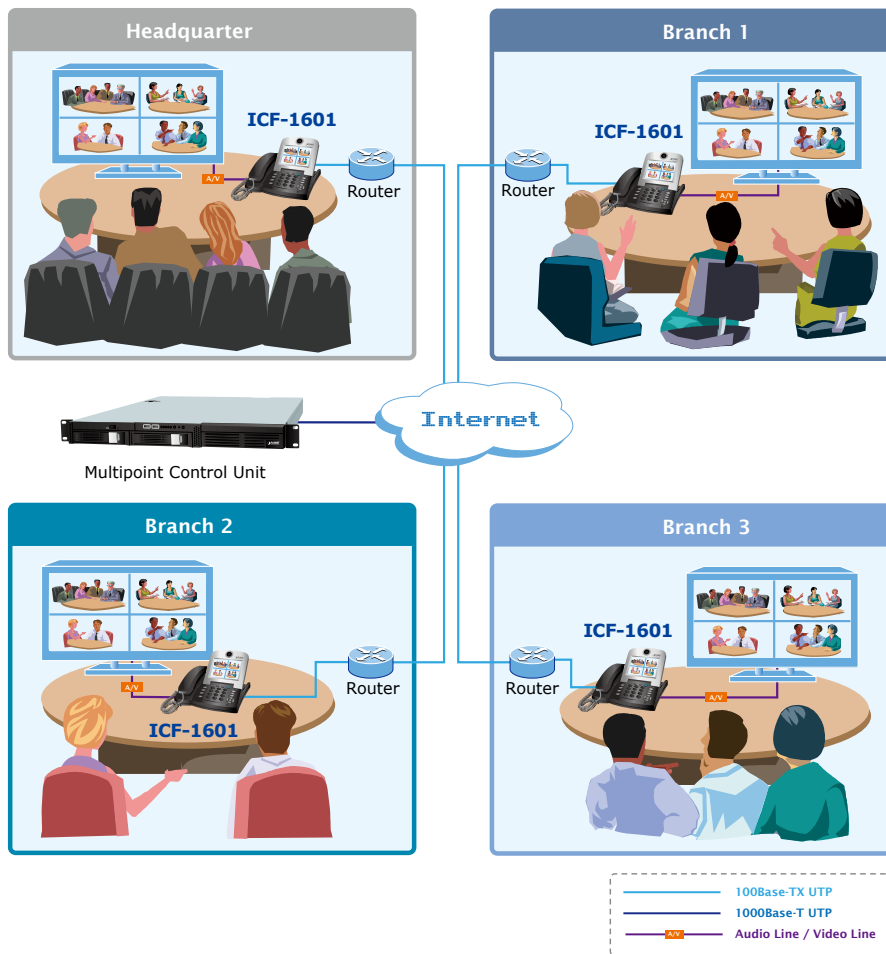
The ICF-1601 has multiple video inputs which can be used to connect to external cameras for group meetings and/or a document camera for showing detailed documents or photographs. With up to 30 fps frame rate, outstanding picture and sound quality, the PLANET Internet Video Conferencing Phone offers you a superior communications experience via the Internet.

## KEY FEATURES

- SIP version 2 (RFC 3261) compliant
- 5" Color TFT-LCD display with video/audio output function
- Personalized phone ring tone
- Supports frame rate up to 30 fps
- User-friendly GUI Management
- Supportd H.264 Video Codec and G.711 and G.729A/B Audio Codec
- Compatible with SIP 2.0 Proxy server and peer to peer mode
- Built-in High Quality CMOS Camera
- Superior voice quality with Automatic Gain Control(AGC) and Acoustic Echo Cancellation(AEC) support
- Digital photo frame support for image browsing

## APPLICATIONS





## SPECIFICATION

Product	Internet Video Conferencing Phone
Model	ICF-1601
<b>Hardware</b>	
Port	2 x 10/100Mbps RJ-45 ports
Camera	CMOS module, 300K pixels QCIF, 30fps
USB	1 USB 2.0 ( For connecting with USB flash disk)
Audio/Video Input	1 telephone handset 1 built-in microphone
Audio/Video Output	1 built-in 5" TFT LCD, angle adjustable 1 pair RCA Audio/Video output 1 built-in speaker
<b>Protocols and Standard</b>	
Standard	SIP2.0 (RFC 3261), and supports Outbound Proxy Configuration
Video Standard	H.263, H.264
Audio Standard	G.711a/u and G.729A/B
Internet protocol	TCP/IP, UDP, RTP/RTCP
Echo cancellation	G.167
LAN standard	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet
Access Mode	Static IP, DHCP and PPPoE

Phone Features	
<b>Keys</b>	1 Speakerphone Key 1 Volume Up & Down keys 1 Conference key 1 Hold key 1 Mute key 1 Redial key 1 Privacy key 1 Setting key 1 Mail key 1 Phone book key 12 Numerical keys
<b>Audio Features</b>	Silence Suppression Comfort noise generation(CNG) In-band DTMF & Out-of-band DTMF (RFC 2833) Call progress tone generation Acoustic Echo Cancellation Dynamic Jitter buffer Three-way audio conferencing
<b>Video Features</b>	2-Way Video Call PIP(Picture in Picture) LCD Brightness Adjustment LCD Contrast Adjustment LCD/TV Display Switch Video Privacy (Audio Only) Video Mute Remote Video Display On/Off
<b>Message &amp; Configuration Service</b>	Address Book Phone setting Network setting Call records Local Clock setting Digital Photo Frame with JPEG format
Network and Configuration	
<b>Access Mode</b>	Static IP, DHCP and PPPoE
<b>Management</b>	LCD GUI
<b>Dimension (W x D x H)</b>	216 x 206 x 180 mm
<b>Operating Environment</b>	0°~50 Degree C, 10~85% humidity
<b>Power Requirement</b>	12V DC, 1.5A
<b>EMC/EMI</b>	FCC, CE Class B

## ORDERING INFORMATION

<b>ICF-1601</b>	Internet Video Conferencing Phone
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