



ICF-1000S

Internet Video Conferencing Station

PLANET's Video Conferencing station, the ICF-1000S, brings you a vivid video conferencing experience through the Internet. No PC is required and none of the usual complications of complex web camera, sound card and software settings and specialized data connections. The ICF-1000S is an easy-to-use integrated system ideal for home offices and conference rooms. All that is needed is a TV and a high speed Internet connection. Using simple setup procedures through a remote control, you can install and use voice and video conferencing in a few minutes.

ICF-1000S is H.323 compliant, which means you can have a seamless conferencing experience with other H.323 compliant video conferencing systems, VoIP gateway/phones and Microsoft NetMeeting. With Gatekeeper and MCU support, the ICF-1000S from PLANET makes communication with your business partners quick and cost-effective.

The ICF-1000S has three 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 Station offer you a superior communications experience using the Internet.

▶▶ KEY FEATURE

- ITU H.323 version 2 compliant
- Support H.263 Video Codec and G.723,1, G.711 Audio Codec
- Compatible with H.323 VoIP gateway, Gatekeeper , MCU (Multipoint Control Unit) and Microsoft NetMeeting
- Built-in High Quality CCD Camera
- Full-duplex Voice Conversation
- Superior voice quality with Voice Activity Detection(VAD), Automatic Gain Control(AGC), Acoustic Echo Cancellation (AEC) and Electrical Echo Cancellation(EEC) support
- Support Static IP, PPPoE, DHCP Connection
- Support Dynamic DNS
- 3 video resolution mode supported, CIF, QCIF and SQCIF
- Control bandwidth to 128K, 256K, 384K, 512K, 768K and no limit
- Supports frame rate up to 30 fps
- Phone book of 100 Names/Addresses and quick search
- On-line change of remote / local video size (PIP)
- On-line video/audio mute function
- On-line snapshot of remote video function
- On-line call status information about Tx/Rx frame rate and bandwidth usage
- Provide Auto-answer mode which allow you to surveil remote location with real-time picture and voice
- Remote Control and Microphone Pod Included
- 3 RCA Video input interfaces for multiple camera connection
- 1-pair RCA Audio/Video output for TV connection
- 1 VGA Video output for Monitor connection

▶▶ SPECIFICATION

Product	Internet Video Conferencing Station
Model	ICF-1000S
Hardware	
LAN	1 x 10/100Mbps RJ-45 port
Camera	Built-in High quality CCD Camera, adjustable focus/tilt
Audio/Video Input	3 RCA video input 1 MIC connector
Audio/Video Output	1 pair RCA Audio/Video output 1 speaker connector 1 VGA connector
LED indicator	1 PWR/LNK LED
Dimension(WxDxH)	295 x 200 x 71.5 mm
Weight	1.13 kg
Operating Environment	0~40 degree C, 10~90% humidity
Power Requirement	12V DC, 2A
Power Consumption	20W, 68 BTU
EMC/EMI	CE, FCC
Protocols and Standard	
Standard	ITU-T H.323 v.2
Video Standard	H.263, H.263+
Audio Standard	G.723.1, G.711
Control Standard	H.245
Compatibility	Compatible with Gatekeeper, H.323 Videophone, H.323 VoIP gateway, Microsoft NetMeeting, Multipoint Control Unit (MCU)
LAN standard	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet
Network and Configuration	
Connection Type	ADSL, Cable, VPN, LAN
Access Mode	Static IP, PPPoE, DHCP
Bandwidth Usage	128K, 256K, 384K, 512K, 768K and No Limit
Video Resolution	CIF (352x288), QCIF (176x144) and SQCIF (128x96)
Configuration Interface	Keypad with On Screen Display (OSD)

▶▶ APPLICATION

Directly connect the Video conferencing devices to your Ethernet LAN, your Cable or DSL modem, or to a NAT router with DMZ enabled, and you can then enjoy a high quality vivid video conferencing experience. With PPPoE, DHCP and dynamic DNS support, no static IP is required. Because it operates over an existing Internet connection, no additional costs are incurred. You can now have most cost-effect face-to-face contact with your friends, family, colleagues and business partners all over the world from your office, conference room or even your home. Some possible applications include:

- ❑ **Video Conferencing**
real-time face-to-face communications help you to establish solid relationships with your business partners. Airfares and travel time can be saved by meeting your clients and partners through video conferencing on the Internet.
- ❑ **Family / Friends meeting**
Face-to-face contact connects you with family or friends in a more intimate way than a simple voice call can.
- ❑ **Surveillance**
Monitor the situation in your house or office by using external cameras. Up to 4 different locations can be watched.
- ❑ **Sign Language Interpretation**
Serving the Deaf-mute community efficiently by means of a real-time distant sign language interpretation service
- ❑ **Distance Learning**
Professionals and students can attend lectures and participate in tutorials from home or from any location with an Internet connection.



▶▶ ORDERING INFORMATION

- ▶ **ICF-1000S** Internet Video Conferencing Station



PLANET Technology Corp.

11F, No. 96, Min Chuan Road, Hsin Tien, Taipei, Taiwan, R.O.C.
 TEL:886-2-2219-9518 FAX:886-2-2219-9528
 E-mail: sales@planet.com.tw http://www.planet.com.tw
 VoIP Gateway : vip.planet.com.tw

Planet reserves the right to change specification without prior notice
 All brand names and trademarks are property of their respective owners
 Copyright 2003 © PLANET Technology Corp. All right reserved

