



Portable Integrated Communications System

PICS™

PICS

Fully Modular Design

Portable System in a Handy Briefcase

Integrated 15.1" Monitor (Largest in the Industry)

Integrated Camera, Microphone and Speakers

Airplane Carry On

Options

INMARSAT M4 (Entire Package Within Airline Carry-on Size Specifications)

Embedded COMSEC

The Portable Integrated Communications System (PICS) is born out of a desire to easily transport an entire video communications suite on a commercial airliner, without the aggravation of the baggage check process. The PICS stows neatly under the seat of most commercial aircraft.

The PICS is a lightweight and compact system that allows for videoconferencing sessions from any location where AC power is available. The reduced weight, modular design and integrated packaging ensure total portability and immediate availability of service.

The PICS comes with a built in camera, which is perfect for mobile communications. Additionally, the PICS can accommodate a second camera, second monitor, VCR and additional microphones to support larger groups if required.

When connected to an external PC or LAN, PICS allows the participant to share documents and files, or to conference over TCP/IP connection (H .323).

The fully graphical user interface has been designed to ensure easy, intuitive operation requiring less expertise from the user.

TECHNICAL SPECIFICATIONS

SUPPORTED STANDARDS

ITU-T H.320: ISDN, leased networks

ITU-T H.323: IP networks

Video: H.261, H. 263

Audio: G.711, G.722, G.728

Data: T. 120 115200 kbps rate
Proprietary protocol

MCU compatibility: H. 243

FEATURES

Bit Rate: 56/512 kbps over ISDN
28/768 kbps over IP
56/768 kbps over V.35
Frame Rate: 30 fps

Video Resolution: FCIF 352x288 pixels
QCIF 176x144 pixels
4CIF 704x576 pixels
for still images (Annex D)

Audio Coding Band Bit- rate
G. 711 300- 3400 Hz 56 kbps
G. 722 50- 7000 Hz 48/ 56 kbps
G. 728 50- 3400 Hz 16 kbps

AUDIO FEATURES: Echo cancellation,
Full Duplex Automatic Gain Control (AGC)
+/-12 dB Automatic Noise Suppression

DIGITAL MICROPHONE: Range: 360
degree Response: 50/7000 Hz Microphones:
3 Mute Button

CAMERA Type: 1/4" color CCD Resolu-
tion: 512x492 pixels

MONITOR

15 inch NTSC format Monitor with PIP function

NETWORK INTERFACES

1 ISDN BRI 1 RJ-45 2 Ethernet 10BASE- T 2 RJ-45
Dual Serial or Quad BRI (Optional)

INTERFACES

AUDIO/ VIDEO INTERFACES

Video Outputs:

-Monitor 1: Composite (RCA)

-Y/C (Mini- DIN)

-Monitor 2: Y/C (Mini- DIN)

-Aux1 (VCR): Composite (RCA) Video Inputs:

-Main Camera: Integrated, not accessible

-Aux1 (VCR): Composite (RCA)

-Aux2 (Doc. Cam.): Y/C (Mini-DIN) Audio Inputs:

Connection Level Connector

-Microphone 360 gr. Mic RJ-45

-Aux. Mic. Mic Stereo Jack 3,5mm

-Audio In Line RCA

-Aux1 (VCR) Line 2 RCA (L/R) Audio Outputs:

-Monitor1 Line 2 RCA (L/R)

-Aux1 (VCR) Line 2 RCA (L/R)

USER INTERFACE

On-screen graphic user interface All functions acces-
sible with infrared control Contextual help Diagnos-
tics and management functions Call Progress Moni-
toring

MULTI-POINT FUNCTION

H. 320 MCU integrated feature

5 participants @2Bkbps

3 participants @4Bkbps H.320 standard compliancy

Compatible with analog and mobile network Chair

Control H.243.

For Information Contact
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