imigix

iCONPILOT

Video and Audio Transceiver/Controller

*icon*PILOT is an integrated transceiver unit with built-in control, utilising digital *Variframe* technology to transmit and receive full frame and conditionally-refreshed colour video across ISDN telephone lines. *icon*PILOT incorporates two-way audio and video as standard, with a built-in ISDN interface, integral control panel and an LCD display.

- **video, audio, telemetry and ISDN in one unit**

- **built-in control panel with LCD**

- **high quality motion video - 15 frames per second**

- **integrated two-way audio and video**

- **in-band telemetry control**

- **versatile desktop unit**

- **uses *Variframe* technology**

- **no PC required**

*icon*PILOT gives you the ability to monitor the highest quality remote video and audio – with full telemetry control – without the need for a PC. With *icon*PILOT you can take control of your remote site CCTV installations from your office desk, even if the sites are also alarm-monitored by a central station.

Intuitive control combined with the best remote motion video performance in the industry make *icon*PILOT the ideal solution for supplemental and confidence remote monitoring, helping you to protect your premises.

Fast initial connection and real motion video mean that *icon*PILOT makes remote video monitoring almost as good as being there in person. Remote site configuration is even possible using *icon*PILOT and for enhanced database capabilities, *icontrol* software may be run on a PC connected to one of *icon*PILOT's serial ports.

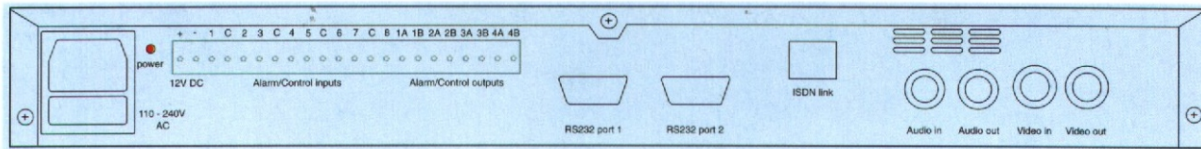## APPLICATIONS

Central CCTV monitoring and control

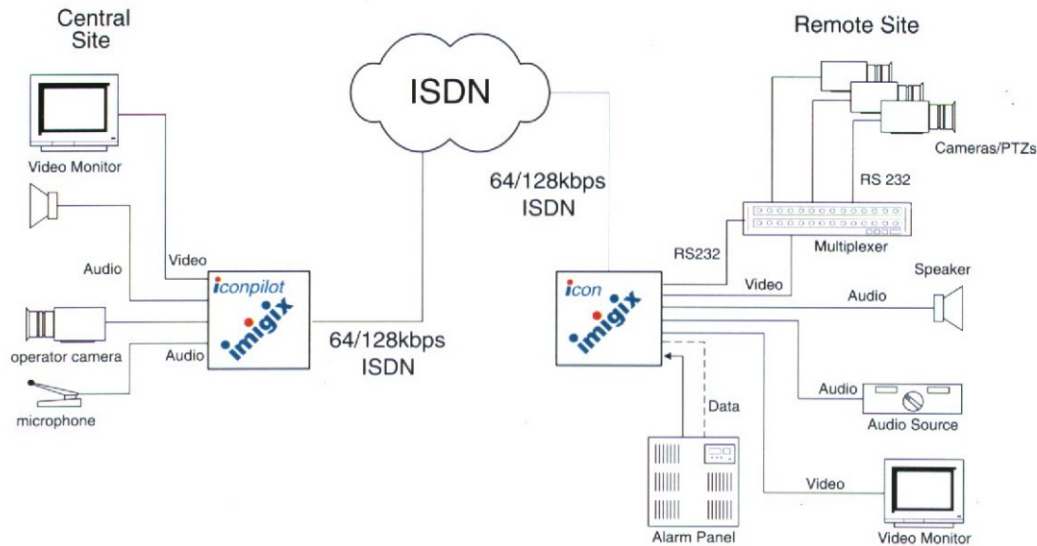**Business owner confidence remote monitoring**

Video gatekeeping

Remote video patrolling

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Rear panel diagram labels: power, 12V DC, 110 - 240V AC, + - 1 C 2 3 C 4 5 C 6 7 C 8 1A 1B 2A 2B 3A 3B 4A 4B, Alarm/Control inputs, Alarm/Control outputs, RS232 port 1, RS232 port 2, ISDN link, Audio in, Audio out, Video in, Video out

Typical configuration diagram labels: Central Site, Video Monitor, Audio, Video, operator camera, Audio, microphone, iconpilot imigix, ISDN, 64/128kbps ISDN, 64/128kbps ISDN, Remote Site, Cameras/PTZs, RS 232, Multiplexer, RS232, Video, Audio, Speaker, icon imigix, Data, Audio, Audio Source, Video, Alarm Panel, Video Monitor

Video

mono/colour	colour
standard	PAL: 625 lines, 50Hz
	NTSC: 525 lines, 60Hz
input	composite
	1.0V p-p, BNC
output	composite
	1.0V p-p, BNC
capture resolution	768 x 576 (PAL)
frame rate (update)	15 frames per sec.
	(typical, 2B channels)
compression mode	*Variframe* - conditional
	or full frame refresh
mode control	operator selection
two-way video	included as standard
continuous video pan	up to 90 deg. per sec.

Audio

transmission	in-band
input	line level, RCA phono
output	line level, RCA phono
two-way audio	included as standard

Data

transmission	in-band
serial ports	2, RS 232, DB9S
telemetry control	in-band (standard)
configuration	remote or local

Communications

ISDN interface	BRI, RJ45
	Euro ISDN -1
ISDN bandwidth	64, 128kbps
connection time	less than 1 second

Alarm

inputs	8 programmable
	NO/NC
outputs (control)	4 programmable

Control

method	built-in control panel
input	5 tactile buttons
display	2 line LCD
navigation	menu

Environment

operating temperature	0 - 45° Celsius
dimensions (mm)	380 x 254 x 1U
construction	high quality powder
	coated 1.2mm steel
mounting	desk, wall or rack

Electrical

supply	100 - 240VAC
	47 - 63Hz
power	30W

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