

PC104 frame grabber

(1) Introduction

PC104 is a frame grabber for color or monochrome video acquisition based on PC104 bus. It supports 4 CVBS inputs. It can receive standard video signals stably from various video sources. Its resolution can reach 768×576 .

(2) Performance

- ISA bus
- 4 CVBS inputs, capture real color and monochrome video
- On-board 2M memorizer
- The speed at which image is captured into memorizer of frame grabber: 25f/s (PAL) or 30f/s (NTSC)
- The speed at which image is captured into memory: 3-5f/s (monochrome image) or 1-2f/s (color)
- Capture resolution up to 768×576
- Brightness, contrast, hue and saturation can be adjusted by software.
- Real-time capture single field, single frame and interval frame

(3) Software

Platform support: Dos, Win9x, and Win2000

(4) Application

Industrial inspection: pipeline inspection

Robot vision

Biometrics