THE COMPLETE IMAGE COMPUTER - VSP™

For
General Image Processing
Medical Image Processing
Image Coding
Television
Computer Graphics
Geophysical Image Processing

$65,000*
Monochrome 512 × 512 System
- Resolution 512 × 512 × 8
- RAM for 4 frames
- 76 Mbytes Winchester disk
- Complete 68000 based computer running UNIX* operating system
- C and Fortran programming languages
- Display 37 seconds of digitally stored image sequences with 8 bits/pel precision and various window size (within the 512 × 512 image) and frame rate combinations, including:
  - 512 × 512 at 3 frames/second
  - 304 × 310 at 10 frames/second
  - 192 × 164 at 30 frames/second
- Real Time Roam and Zoom
- Image processing software
- Upgradable to more powerful systems

$76,000*
Full Color 512 × 512 System
- Resolution 512 × 512 × 24
- RAM for 2 frames
- 76 Mbytes Winchester disk
- Complete 68000 based computer running UNIX* operating system
- C and Fortran programming languages
- Display 37 seconds of digitally stored image sequences with 24 bits/pel precision and various window size (within the 512 × 512 image) and frame rate combinations, including:
  - 512 × 512 at 1 frame/second
  - 192 × 164 at 10 frames/second
  - 112 × 94 at 30 frames/second
- Real Time Roam and Zoom
- Image processing software
- Upgradable to more powerful systems

$90,000*
Monochrome 1024 × 1024 System
- Resolution 1024 × 1024 × 8
- RAM for 2 frames
- 414 Mbytes Winchester disk
- Complete 68000 based computer running UNIX* operating system
- C and Fortran programming languages
- Display 230 seconds of digitally stored image sequences with 8 bits/pel precision and various window size (within the 1024 × 1024 image) and frame rate combinations, including:
  - 1024 × 1024 at 1.2 frames/second
  - 512 × 512 at 5 frames/second
  - 224 × 214 at 30 frames/second
- Real Time Roam and Zoom
- Image processing software
- Upgradable to more powerful systems

$155,000*
Full Color 1024 × 1024 System
- Resolution 1024 × 1024 × 24
- RAM for 2 frames
- 414 Mbytes Winchester disk
- Complete 68000 based computer running UNIX* operating system
- C and Fortran programming languages
- Display 230 seconds of digitally stored image sequences with 24 bits/pel precision and various window size (within the 1024 × 1024 image) and frame rate combinations, including:
  - 1024 × 1024 at 0.4 frames/second
  - 512 × 512 at 1.7 frames/second
  - 128 × 124 at 30 frames/second
- Real Time Roam and Zoom
- Image processing software
- Upgradable to more powerful systems

OPTIONS
- Video input: monochrome and/or full color
- Video formats: NTSC, PAL, SECAM
- Image sequence rates: 24, 25, 30, 48, 50 and 60 frames/second
- Picture element resolution: input 9, 10, 11 bits; output 10, 12 bits
- Up to 8 minutes of full size image sequences at any listed frame rates
- Up to 4 workstations, each with independent computer and RAM memory
- Joystick and/or tablet
- Graphics software

Write or Call:
Picture Element Limited
635 Waverley St.
Palo Alto, CA 94301
(415) 322-2141

Reader Service Number 3

* Options, Monitor and Terminal are not included.
Prices are subject to change without notice.
† UNIX is a trademark of Bell Laboratories.