Camera 1

Frame Grabber

S-Video

Bt848

Composite Video

Camera 1

Double Buffer

Buffer1

384x288x32
(432 Kbytes)

Buffer2

Buffer3

Buffer4

Camera 2

Double Buffer

Camera 1

Low Light

High Light

255x255x8
(64Kbytes)

Camera 1 (128Kbytes)

LUT Filter Buf.1

Camera 1 Image

384x288x32
(432 Kbytes)

Camera 2

Filtered Video Buffers

( 864 Kbytes)

Camera 2 (128Kbytes)

LUT Filter Buf.2

Low Light

High Light

255x255x8
(64Kbytes)

Camera 2 Image

Raw Video Buffers

(YC)

4:2:2

(1768 Kbytes)