FLCOS **Color View Finder** (1280 x 960 pixels)

- **Structure of ferroelectric liquid crystal**

A technology known as reflective FLCOS (Ferroelectric Liquid Crystal on Silicon) combines the extremely fast response of custom engineered ferroelectric liquid crystal and fully custom reflective display silicon backplanes. **bbs** provides a high performance viewfinder solution without the need for illumination systems or color filters.

- **Features of the Quad-VGA panel**

  - Size: 0.4 inch diagonal (Display area)
  - Resolution: 1,280 x 960 x RGB (Equivalent to 3.69 million pixels)
  - Luminance: 300 cd/m²
  - Minimized color break-up: Increased color field rate to 3x
  - Advanced temp. opt: Improved and optimized temperature compensation enables maximum performance over the entire temperature range
  - 60 Hz input signal: Enables a substantial reduction in time lag when converting image data into display video data

- **Features of the **bbs** Quad-VGA controller**

  - Video signal: HDMI socket, RGB, 1280 x 960 pixel (QVGA)
  - Power supply: mini-USB socket + 5V
  - Dimensions controller: 50 x 60 mm