

Microdisplay by MicroOled

High-resolution miniature OLED display

This low-power OLED* microdisplay measures less than 2 cm (diagonal) and offers high-definition images (6.9 million pixels per sq. cm). White balance, grey scale correction, and luminance can be adjusted directly on the screen.

The microdisplay, developed under a joint MicroOLED-CEA Tech lab, has already been integrated into the Panasonic Lumix GH3 camera and will gradually become the display of choice for most digital SLR cameras. The microdisplay is

manufactured in a cleanroom and has an active organic semiconductor layer less than 100 nanometers thick protected by a sealed transparent layer on which colored filters are mounted.

In addition, the microdisplay is easy to integrate into very compact viewfinders and offers a competitive unit cost, making it ideal for consumer and professional-grade applications like video glasses, binoculars, surgeon's glasses,

and more.

**OLEDs are organic light-emitting diodes made from a semiconductor that contains oxygen, carbon, hydrogen, and nitrogen.*

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