

CyberEVF VGA

FEATURES

- Complete Electronic Viewfinder (EVF)
- VGA resolution (640x480)
- Large virtual image size
421 mm diagonal
334 mm horizontal
250 mm vertical
- High-quality optics
-23.8 degree diagonal field of view
-17.4 mm eye relief
- Compact size (20 mm (W) x 18 mm (H) x 25 mm (D))
- Lightweight (~6.4 g)

MECHANICAL OUTLINE

Display Marketing
Tel: 508-870-5959 Fax: 508-870-0660

Hong Kong
Tel: 852-2607-4151 Fax: 852-2607-4156

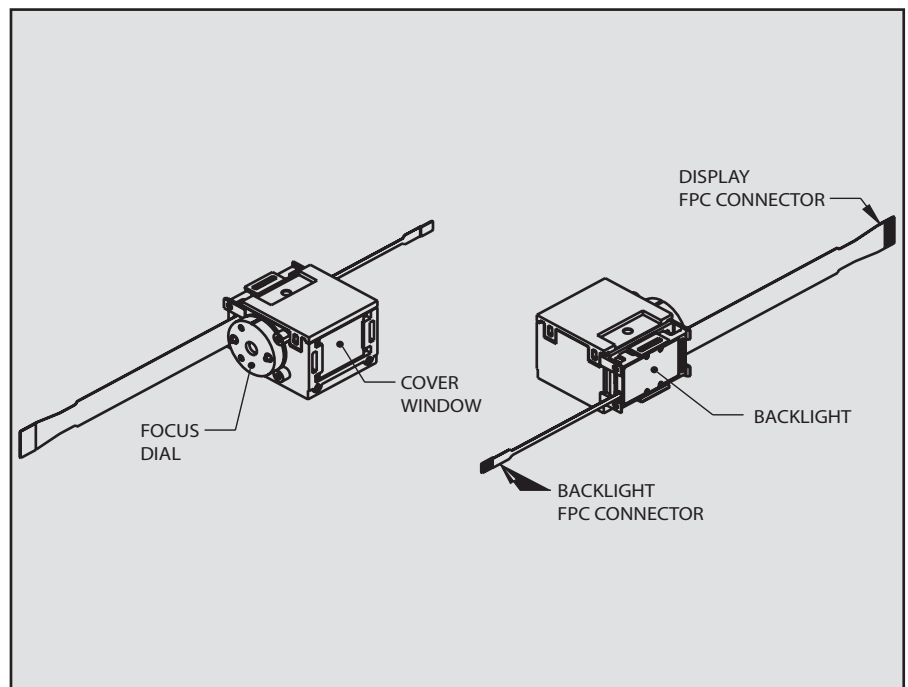
Japan
Tel: 81-3-5352-3549 Fax: 81-3-5322-2929

cyberdisplay@kopin.com



Complete Electronic Viewfinder Module

The CyberEVF VGA, designed for the Electronic Viewfinder (EVF) for high-zoom and interchangeable lens digital cameras, incorporates all of the EVF components an OEM requires: a full-color microdisplay with VGA resolution, ultra-thin backlight, optics and housing with an easy-to-use focusing mechanism. This complete EVF solution enables digital camera OEMs to shorten the design time for new products and substantially reduce the assembly cost. The CyberEVF VGA's tiny size and light weight enables OEMs to shrink their cameras to a pocket-size form factor. With a 23.8-degree field of view, the viewfinder generates large, vivid color images with virtually no distortions or color aberrations.



*Specifications subject to change without notice
Rev. 1



*The CyberEVF VGA
provides the digital
camera user with a
large, crisp full-color
image with virtually
no distortion or color
aberrations.*

CyberEVF VGA

SPECIFICATIONS

MECHANICAL

Dimensions	20 mm (W) x 18 mm (H) x 25 mm (D)
Weight	~6.4 g

CYBERDISPLAY VGA LVD

Resolution	640 x 480
Diagonal Size	0.26"
Active Area	5.376 mm x 4.032 mm
Color Configuration	Vertical Stripe

OPTICAL

Field of View	23.8 degrees diagonal
Virtual Image Size	421 mm diagonal
Eye Relief	17.4 mm
Focus Range, Diopter	-3.0D ~ +1.0D
TV Distortion	+/- 1.2 %

ENVIRONMENTAL

Storage Temperature	-20C to 60 C, 240 hrs
Operating Temperature	0C to 60 C, 240 hrs
Humidity	40C at 80% relative humidity, 240 hours
Shock	70 mm on concrete, 5 times
Vibration	5 Hz - 60 Hz - 5 HZ, 30 min, 5 cycles, 3 axes