

Description

Beck Optronic Solutions’ binocular SXGA display module is designed to simulate the eyepieces of submarine periscopes. It features high resolution (1280 x 1024 pixels), full colour, liquid crystal on silicon displays and custom designed, multi-layer coated optics.

The module is available as a standard product or can be customised as required.



Specification

Display type		FLCOS, reflective mode
Display format		1024 pixel circle
Eye relief		48°
Exit pupil diameter		25 mm without protective window 17 mm with protective window
Dioptre adjustment		5 mm
Interocular adjustment		58 mm to 72 mm
Contrast ratio		>200:1
Uniformity		95%
Distortion		<8% pincushion
Colour technique		Colour sequential
Colour depth		24 bits (red 8, green 8, blue 8)
Input format	Mode	SXGA (1280 x 1024 pixels)
	Frame rate	60 Hz, non-interlaced
Input connector		DVI connector mounted on interface controller
Micro-display cable		LVDS
Supply voltage range		12 V DC +/-10%

About Beck Optronic Solutions

Beck has a reputation for excellence in design and manufacture of precision optics that can be traced back over 175 years. Based near London, UK, Beck delivers complex, integrated electro-optic systems for defence and commercial use across the electromagnetic spectrum from UV to LWIR. **For pricing or further information please contact us at:**

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