

Description

Beck Optronic Solutions’ monocular SXGA display module is designed to simulate the eyepieces of armoured fighting vehicles and similar optical systems. It features high resolution (1,280 x 1,024 pixels), full colour, liquid crystal on silicon display 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		1,024 pixel circle
Field of view		40°
Eye relief		25 mm
Exit pupil diameter		7 mm
Contrast ratio		>200:1
Uniformity		95%
Distortion		<3%
Colour technique		Colour sequential
Colour depth		24 bits (red 8, green 8, blue 8)
Input format	Frame rate	SXGA (1,280 x 1,024 pixels)
	Mode	Up to 85 Hz, non-interlaced
Input connector		DVI connector
Supply voltage range		12V +/-10% DC
Power input connector		2.5 mm jack plug
Operating temperature range		+10°C to +60°C (-20°C to +60°C as an option)
Storage temperature range		-40°C to +85°C

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:**

t: +44 (0) 1442 255755 | **e:** info@beckoptronic.com | **w:** beckoptronic.com

Beck Optronic Solutions Limited | Registered in England No 09072729 | VAT No GB 196 4396 58
 Registered office: Focus 31 – West Wing, Mark Road, Hemel Hempstead, Hertfordshire HP2 7BW United Kingdom

