

# 56° FoV SXGA Micro-display System

## Data Sheet



### 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	25mm	
Exit pupil diameter	7mm	
Contrast ratio	>200:1	
Uniformity	95%	
Distortion	<3%	
Colour technique	Colour sequential	
Colour depth	24 bits (red 8, green 8, blue8)	
Input format	Mode	SXGA (1,280 x 1,024 pixels)
	Frame rate	85Hz, non-interlaced
Input connector	DVI Connector	
Supply voltage range	12V DC +/-10%	
Power input connector	2.5mm 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

BOS has a reputation for excellence in design and manufacture of precision optics that can be traced back over 175 years. Based near London, UK, BOS 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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