

RSLM1024V Spatial Light Modulator

This series of liquid crystal spatial light modulators is suitable for qualitative analyses and research and is extremely cost-effective. The product uses LCD chip, with a resolution of 1024*768, and adopts VGA interface to transmit the picture information, which is the only one with mixed amplitude and phase modulation. This product has a wide range of clients in the field of optics teaching and basic experiments.



Product Parameter

Modulation Mode	Phase Type / Amplitude Type
Type of liquid crystal	Transmissive
Grey scale	8 bit, 256 steps
Resolution	1024*768
Pixel	18*18 um
Phase size	18.4mm*13.82mm
phase range	1.2~1.8 π @633nm
Fill Factor	>57%
frame rate	60Hz
Maximum light intensity	1-2W/cm ²
Spectral range	420nm-700nm
Data interfaces	VGA data interface

Product Structure

