

VIS Wavelength DMD Spatial Light Modulator

HDSLM54D50



420-700nm
Wavelength



2048*1200
Resolution



5.4μm
Micromirror Pitch

This version operates within the wavelength range of 420-700nm, boasts a resolution of 2048*1200, features 5.4μm pixels, and offers a frame rate exceeding 16kHz.

Specifications

Type	HDSLM54D50
Resolution	2048*1200
Array Diagonal Size	0.5"
Micromirro pitch	5.4μm
Fill Factor	93%
Reflectivity	88%
Diffraction	84% (@f/2.4)
Frame Rate	16129Hz(1bit) / 441Hz(8bit) / 1.5Hz(16bit)
Interface /PC Connection	USB1.1+HDMI
Onboard RAM	1Gbit*2
Onboard Storage	1Gbit*2 (optional)
DMD Datum Angle	Horizontal design

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