

VIS Wavelength DMD Spatial Light Modulator

HDSLM756D90 Series



400-700nm
Wavelength



2560*1600
Resolution



7.56μm
Micromirror Pitch

This version operates within a wavelength range of 400-700nm, boasts a resolution of 2560*1600, and features 7.56um pixels. It is available in two versions: an ultra-high-speed version equipped with 16GByte of memory and a frame rate exceeding 11KHz, and a large-capacity version featuring onboard SSD storage starting at 2.5TB, with multiple capacities to choose from.

Version and type

Version	Type	Wavelength
Ultra-fast version	HDSLM756D90-DDR	400-700nm
Smart ultra-fast version	HDSLM756D90-Smart	
Ultra-large-capacity version	HDSLM756D90-SSD	

Specifications

Type	HDSLM756D90-DDR	HDSLM756D90-Smart	HDSLM756D90-SSD
Resolution	2560*1600		
Micromirro pitch	0.9"		
Micromirro pitch	7.56μm		
Fill Factor	92%		
Reflectivity	88%		
Diffraction	86%		
Frame Rate	11764Hz(1bit) / 522Hz(8bit) / 3Hz(16bit)		
Interface /PC Connection	USB3.0+HDMI (Smart optional)		Gigabit Ethernet port
Onboard RAM	16GByte		/
Onboard Storage	/		2.5T/5T/10T
Datum Angle	Horizontal design		Horizontal design Oblique 45° design
Mounting Angle	horizontal installation or 45° installation		horizontal installation
Intelligent Algorithm	/	Dynamic ground glass, random speckle rotating grating, periodic grating, etc	/

