

Visible Wavelength DMD Spatial Light Modulator

HDSLM756D90 Series

Ultra-high Speed Models Ultra-large Capacity Models

 **400-700nm**
Wavelength

 **2560*1600**
Resolution

 **7.56μm**
Micromirror Pitch

Wavelength 400-700nm
2560*1600 resolution
7.56μm micromirror pitch
Two versions available for sales: ultra-high speed version and super capacity version
The ultra-high speed version features 16GByte/128Gbit memory and ultra-high speed frame rate > 11KHz
The super capacity version features optional on-board storage at minimum 32G EMMC

Product Parameter

Type	HDSLM756D90-DDR		HDSLM756D90-EMMC
Resolution	2560*1600		
Micromirror Pitch	7.56μm		
Wavelength	400-700nm		
Array Diagonal Size	0.9"		
Micromirror Array Optical Efficiency	86%		
Reflectivity	88%		
Fill Factor	92%		
Frame Rate (1bit/8bit/16bit)	11764Hz/522Hz/31Hz		
Bit Depth	1-16bit		
Onboard Storage	16Gbyte		
RAM Capacity	/		32G EMMC
Configure Interface	USB2.0		
Input Interface	Gigabit Ethernet/USB3.0		
DMD Datum Angle	Horizontal design		
Mounting angle	Screen can be rotated 45° for mounting		

