

(1920*1080) VIS DMD Spatial Light Modulator

HDSLM756D65A Series

 400-700nm
Wavelength

 1920*1080
Resolution

 7.56μm
Micromirror Pitch

Ultra-fast Version | Ultra-large-capacity Version

Wavelength: 400-700nm
Resolution: 1920*1080
Pixel size: 7.56μm
Provide two versions: Ultra-fast version and Ultra-large-capacity version
Ultra-fast version: 16GByte/128Gbit memory, frame rate>10KHz
Ultra-large-capacity version: 16GByte (-DDR type) , 2T/4T/8T (-SSD type)

Version	Type	Wavelength	Resolution
Ultra-fast version	HDSLM756D65A-DDR	400-700nm	1920*1080
Ultra-large-capacity version	HDSLM756D65A-SSD		

Product Parameter

Type	HDSLM756D65A-DDR	HDSLM756D65A-SSD
Resolution	1920*1080	
Array Diagonal Size	0.65"	
Micromirro Pitch	7.56μm	
Fill Factor	92%	
Reflectivity	88%	
Diffraction	86%	
Frame Rate	10940Hz / 508Hz / 3Hz	
Damage Threshold	>10W/cm ²	
Interface /PC Connection	USB3.0 / HDMI	
Onboard RAM	16GByte	2T / 4T / 8T
Number of Images	62137 (1bit) / 7767 (8bit)	
DMD Datum Angle	0° / 45°	
Sync Trigger Interface	SMA (Input) + SMA*2 (Output)	
Sync Trigger High Level Signal	3.3V (Input) + 5V (Output)	

