

Visible Wavelength DMD Spatial Light Modulator

HDSLM108D95 Series

Ultra-high Speed Models Smart Ultra-high Speed Models Ultra-large Capacity Models

 400-700nm
Wavelength

 1920*1080
Resolution

 10.8μm
Micromirror Pitch

Wavelength 400-700nm
1920*1080 resolution
10.8μm micromirror pitch
Three versions available for sales: ultra-high speed version, smart ultra-high speed version and super capacity version
The ultra-high speed version features 16GByte/128Gbit memory and ultra-high speed frame rate > 20KHz
The smart ultra-high speed version features built-in smart algorithm
The super capacity version features optional on-board SSD storage at minimum 3TB

Product Parameter

Type	HDSLM108D95-DDR		HDSLM108D95-SSD
Resolution	1920*1080		
Micromirror Pitch	10.8μm		
Wavelength	400-700nm		
Array Diagonal Size	0.95”		
Micromirror Array Optical Efficiency	87%		
Reflectivity	89%		
Fill Factor	94%		
Frame Rate (1bit/8bit/16bit)	20746Hz/617.05Hz/3Hz		
Bit Depth	1-16bit		
RAM Capacity	16Gbyte		8Gbyte
Onboard Storage	/		SSD 3T/6T/12T
Configure Interface	USB2.0		
Input Interface	Gigabit Ethernet/USB3.0		
DMD Datum Angle	Horizontal design / Oblique 45° design		

