

UV Wavelength DMD Spatial Light Modulator

HDSLM108D95UV Series

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

 **363-420nm**
Wavelength

 **1920*1080**
Resolution

 **10.8μm**
Micromirror Pitch

Wavelength 363-420nm
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	HDSLM108D95UV-DDR		HDSLM108D95UV-SSD
Resolution	1920*1080		
Micromirror Pitch	10.8μm		
Wavelength	363-420nm		
Array Diagonal Size	0.95”		
Micromirror Array Optical Efficiency	85%		
Reflectivity	88%		
Fill Factor	92%		
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		

